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THE
L I F E
O F
CAPTAIN JAMES COOK.

Totque Maris vastaque exhausta Pericula Terra.
VIRG.

BY
ANDREW KIPPIS, D. D. F. R. S. AND S. A.

VOL. 1

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TO THE
K I N G.

S I R,

I ESTEEM myself highly honoured in being permitted to dedicate and present the Life of CAPTAIN JAMES COOK to Your Majesty. It was owing to Your Majesty's Royal patronage and bounty; that this illustrious Navigator was enabled to execute those vast undertakings, and to make those extraordinary discoveries, which have contributed so much to the reputation of the British empire, and have reflected such peculiar glory on Your Majesty's reign. Without Your Majesty's munificence and encouragement, the world would have remained destitute of that immense light which has been thrown on geography, navigation, and the most important sciences. To Your Majesty, therefore, a Narrative of

the Life and Actions of Captain Cook is with particular propriety addressed.

It is impossible, on this occasion, to avoid extending my thoughts to the other noble instances in which Your Majesty's liberal protection of science and literature has been displayed. Your Majesty began Your reign in a career so glorious to princes : and wonderful has been the increase of knowledge and taste in this country. The improvements in philosophical science, and particularly in astronomy ; the exertions of experimental and chemical enquiry, the advancement of natural history, the progress and perfection of the polite arts , and the valuable compositions that have been produced in every department of learning, have corresponded with Your Majesty's gracious wishes and encouragement, and have rendered the name of Britain famous in every quarter of the globe. If there be any persons who, in these respects, would depreciate the

DEDICATION.

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present times, in comparison with those which have preceded them, it may safely be asserted that such persons have not duly attended to the history of literature. The course of my studies has enabled me to speak with some confidence on the subject; and to say, that Your Majesty's reign is eminently distinguished by one of the greatest glories that can belong to a monarch.

Knowledge and virtue constitute the chief happiness of a nation: and it is devoutly to be wished that the virtue of this country were equal to its knowledge. If it be not so, this does not arise from the want of an illustrious example in the person of Your Majesty, and that of Your Royal Consort. The pattern which is set by the King and Queen of Great Britain, of those qualities which are the truest ornaments and felicities of life, affords a strong incitement to the imitation of the same excellencies; and cannot fail of contributing to the more

extensive prevalence of that moral conduct on which the welfare of society so greatly depends.

That Your Majesty may possess every felicity in Your Royal Person and Family, and enjoy a long and prosperous reign, over an enlightened, a free, and a happy people, is the sincere and ardent prayer of,

S I R,

YOUR MAJESTY'S MOST FAITHFUL,

AND MOST OBEDIENT,

SUBJECT AND SERVANT,

ANDREW KIPPIS.

Crown Street, Westminster,

June 13, 1788.

P R E F A C E.

ALTHOUGH I have often appeared before the Public as a writer, I never did it with so much diffidence and anxiety as on the present occasion. This arises from the peculiar nature of the work in which I have now engaged. A Narrative of the Life of Captain Cook must principally consist of the voyages and discoveries he made, and the difficulties and dangers to which he was exposed. The private incidents concerning him, though collected with the utmost diligence, can never compare, either in number or importance, with his public transactions. His public transactions are the things that mark the man, that display his mind and his character; and, therefore, they are the grand objects to which the attention of his biographer must be directed. However, the right conduct of this business is a point of no small difficulty and embarrassment. The question will frequently arise, How far the detail should be extended? There is a danger, on the one hand, of being

carried to an undue length, and of enlarging, more than is needful, on facts which may be thought already sufficiently known; and, on the other hand, of giving such a jejune account, and such a slight enumeration, of important events, as shall disappoint the wishes and expectations of the reader. Of the two extremes, the last seems to be that which should most be avoided; for, unless what Captain Cook performed, and what he encountered, be related somewhat at large, his Life would be imperfectly represented to the world. The proper medium appears to be, to bring forward the things in which he was personally concerned, and to pass slightly over other matters. Even here it is scarcely possible, nor would it be desirable, to avoid the introduction of some of the most striking circumstances which relate to the new countries and inhabitants that were visited by our great Navigator; since these constitute a part of the knowledge and benefit derived from his undertakings. Whether I have been so happy as to preserve the due medium, I presume not to determine. I have been anxious to do it, without always being able fully to satisfy my own mind that I have succeeded; on which

account I shall not be surprized if different opinions should be formed on the subject. In that case, all that I can offer in my own defence will be, that I have acted to the best of my judgment. At any rate, I flatter myself with the hope of having presented to the Public, a work not wholly uninteresting or unentertaining. Those who are best acquainted with Captain Cook's expeditions, may be pleased with reviewing them in a more compendious form, and with having his actions placed in a closer point of view, in consequence of their being divested of the minute nautical and other details, which were essentially necessary in the voyages at large. As to those persons, if there be any, who have hitherto obtained but an imperfect knowledge of what was done and discovered by this illustrious man, they will not be offended with the length of the following narrative.

In various respects, new information will be found in the present performance; and other things, which were less perfectly known before, are set in a clearer and fuller light. This, I trust, will appear in the first, third, sixth, and seventh chapters. It may be observed, likewise, that the fresh matter now communicated is of the

most authentic kind, and derived from the most respectable sources. My obligations of this nature are, indeed, very great, and call for my warmest gratitude. The dates and facts relative to Captain Cook's different promotions are taken from the books of the Admiralty, by the direction of the noble Lord who is at the head of that Board, and the favour of Mr. Stephens. I embrace with pleasure this opportunity of mentioning, that, in the course of my life, I have experienced, in several instances, LORD HOWE'S condescending and favourable attention. To MR. STEPHENS I am indebted for other communications besides those which concern the times of Captain Cook's preferments, and for his general readiness in forwarding the design of the present work. The EARL OF SANDWICH, the great patron of our Navigator, and the principal mover in his mighty undertakings, has honoured me with some important information concerning him, especially with regard to the circumstances which preceded his last voyage. To SIR HUGH PALLISER'S zeal for the memory of his friend I stand particularly obliged. From a large communication with which he was so good as to favour me, I have derived very material intelli-

gence, as will appear in the course of the narrative, and especially in the first chapter. In the same chapter are some facts which I received from ADMIRAL GRAVES, through the hands of the Reverend DR. DOUGLAS, now Bishop of Carlisle, whose admirable Introduction to the Voyage to the Pacific Ocean must be of the most essential service to every writer of the Life of Captain Cook. The Captain's amiable and worthy WIDOW, who is held in just esteem by all his friends, has given me an account of several domestic circumstances. I should be deficient in gratitude, were I here to omit the name of MR. SAMWELL: for, though what is inserted from him in this work has already been laid before the public, it should be remembered, that, through the interposition of our common friend, the Reverend MR. GREGORY, it was originally written for my use, and freely consigned to my disposal; and that it was at my particular instance and request that it was separately printed. My obligations to other Gentlemen will be mentioned in their proper places.

But my acknowledgments are, above all, due to SIR JOSEPH BANKS, president of the Royal Society, for the interest he has taken in the present

publication. It was in consequence of his advice, that it was given to the world in the form which it now bears; and his assistance has been invariable through every part of the undertaking. To him the inspection of the whole has been submitted; and to him it is owing, that the work is, in many respects, far more complete than it would otherwise have been. The exertions of zeal and friendship, I have been so happy as to experience from him in writing the *Life of Captain Cook*, have corresponded with that ardour which SIR JOSEPH BANKS is always ready of display in promoting whatever he judges to be subservient to the cause of science and literature.

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THE
L I F E
O F
CAPTAIN JAMES COOK.

CHAPTER THE FIRST.

*The History of Captain Cook's Life previously to his
first Voyage round the World.*

CAPTAIN James Cook had no claim to distinction on account of the lustre of his birth, or the dignity of his ancestors. His father, James Cook, who from his dialect is supposed to have been a Northumbrian, was in the humble station of a servant in husbandry, and married a woman of the same rank with himself, whose christian name was Grace. Both of them were noted in their neighbourhood for their honesty, sobriety, and diligence. They first lived at a village called Morton, and then removed to Marton, another village in the North-riding of Yorkshire, situated in the high road from Gisbrough, in Cleveland, to Stockton upon Tees, in the county of Durham, at the distance of six miles from each of these towns. At Marton Captain Cook was

C H A P.
I.

VOL. I. B

CHAP. born, on the 27th of October, 1728* ; and,

I. agreeably to the custom of the Vicar of the parish, whose practice it was to baptize infants

1728.
27 October.

soon after their birth, he was baptized on the 3d of November following. He was one of nine children, all of whom are now dead, excepting a daughter, who married a fisherman at Redcar. The first rudiments of young Cook's education were received by him at Marton, where he was taught to read by Dame Walker, the schoolmistress of the village. When he was eight years of age, his father, in consequence of the character he had obtained for industry, frugality, and skill in husbandry, had a little promotion bestowed upon him, which was that of being appointed head servant, or hind †, to a farm belonging to the late Thomas Skottow, Esq. called Airy Holme, near Great Ayton. To this place, therefore, he removed with his family ††; and his son James, at Mr. Skottow's expence, was put to a day school in Ayton, where he was instructed in writing, and in a few of the first rules of arithmetic.

* The mud house in which Captain Cook drew his first breath is pulled down, and no vestiges of it are now remaining.

† This is the name which, in that part of the country, is given to the head servant, or bailiff, of a farm.

†† Mr. Cook, senior, spent the close of his life with his daughter, at Redcar, and is supposed to have been about eighty-five years of age when he died.

Before he was thirteen years of age, he was bound an apprentice to Mr. William Sanderson, a haberdasher, or shopkeeper, at Staiths, a considerable fishing town, about ten miles north of Whitby. This employment, however, was very unsuitable to young Cook's disposition. The sea was the object of his inclination; and his passion for it could not avoid being strengthened by the situation of the town in which he was placed, and the manner of life of the persons with whom he must frequently converse. Some disagreement having happened between him and his master, he obtained his discharge, and soon after bound himself for seven years to Messrs. John and Henry Walker, of Whitby, Quakers by religious profession, and principal owners of the ship *Free-love*, and of another vessel, both of which were constantly employed in the coal trade. The greatest part of his apprenticeship was spent on board the *Free-love*. After he was out of his time he continued to serve in the coal and other branches of trade (though chiefly in the former) in the capacity of a common sailor; till, at length, he was raised to be mate of one of Mr. John Walker's ships. During this period it is not recollected that he exhibited any thing very peculiar, either in his abilities or his conduct; though there can be no doubt but that he had gained a considerable degree of knowledge in the practical part of navigation, and that his attentive and sagacious mind was laying up a

C H A P. store of observations which would be useful to
J. him in future life *.

In the spring of the year 1755, when hostilities broke out between England and France, and there was a hot press for seamen, Mr. Cook happened to be in the river Thames with the ship to which he belonged. At first he concealed himself, to avoid being pressed; but reflecting that it might be difficult, notwithstanding all his vigilance, to elude discovery or escape pursuit, he determined, upon farther consideration, to enter voluntarily into his Majesty's service, and to take his future fortune in the Royal Navy. Perhaps he had some presage in his own mind, that by his activity and exertions he might rise considerably above his present situation. Accordingly, he went to a rendezvous at Wapping, and entered with an officer of the Eagle man of war, a ship of sixty guns, at that time commanded by Captain Hamer. To this ship Captain (now Sir Hugh) Palliser was appointed, in the month of October, 1755; and when he took the command, found in her James Cook, whom he soon distinguished to be an able, active, and diligent, seaman. All the officers spoke highly in his favour, and the Captain was so well pleased with his behaviour, that he gave

* From the register of the parish of Marton; from the account given by some inhabitants of the parish; and from the information of ——— Jackson, Esq. of Normanby, Yorkshire, in a letter to Sir Joseph Banks, Bart. president of the Royal Society.

him every encouragement which lay in his power. C H A P.

I.
In the course of some time, Captain Palliser received a letter from Mr. Osbaldeston, then Member of Parliament for Scarborough, acquainting him that several neighbours of his had solicited him to write in favour of one Cook, on board the Captain's ship. They had heard that Captain Palliser had taken notice of him, and they requested, if he thought Cook deserving of it, that he would point out in what manner Mr. Osbaldeston might best contribute his assistance towards forwarding the young man's promotion. The Captain, in his reply, did justice to Cook's merit; but, as he had been only a short time in the Navy, informed Mr. Osbaldeston that he could not be promoted as a commission officer. A Master's warrant, Captain Palliser added, might perhaps be procured for Mr. Cook, by which he would be raised to a station that he was well qualified to discharge with ability and credit*.

Such a warrant he obtained on the 10th of May, 1759, for the *Grampus* sloop; but the proper Master having unexpectedly returned to her, the appointment did not take place. Four days after he was made Master of the *Garland*, when, upon enquiry, it was found that he could not join her, as the ship had already sailed. On the next day, the 15th of May, he was appoint-

* From the information of Sir Hugh Palliser.

CHAP. I. ed to the Mercury *. These quick and successive appointments shew that his interest was strong, and that the intention to serve him was real and effectual.

The destination of the Mercury was to North America, where she joined the fleet under the command of Sir Charles Saunders, which, in conjunction with the land forces under General Wolfe, was engaged in the famous siege of Quebec. During that siege, a difficult and dangerous service was necessary to be performed. This was to take the soundings in the channel of the river St. Lawrence, between the island of Orleans and the north shore, directly in the front of the French fortified camp at Montmorency and Beauport, in order to enable the Admiral to place ships against the enemy's batteries, and to cover our army on a general attack, which the heroic Wolfe intended to make on the camp. Captain Palliser, in consequence of his acquaintance with Mr. Cook's sagacity and resolution, recommended him to the service; and he performed it in the most complete manner. In this business he was employed during the night-time, for several nights together. At length he was discovered by the enemy, who collected a great number of Indians and canoes, in a wood near the water-side, which were launched in the night, for the purpose of surrounding him, and cutting him off. On this occasion, he had a

* From the books of the Admiralty.

very narrow escape. He was obliged to run for it, and pushed on shore on the island of Orleans, near the guard of the English hospital. Some of the Indians entered at the stern of the boat, as Mr. Cook leaped out at the bow; and the boat, which was a barge belonging to one of the ships of war, was carried away in triumph. However, he furnished the Admiral with as correct and complete a draught of the channel and soundings as could have been made after our countrymen were in possession of Quebec. Sir Hugh Palliser has good reason to believe, that before this time Mr. Cook had scarcely ever used a pencil, and that he knew nothing of drawing. But such was his capacity, that he speedily made himself master of every object to which he applied his attention.

Another important service was performed by Mr. Cook while the fleet continued in the river of St. Lawrence. The navigation of that river is exceedingly difficult and hazardous. It was particularly so to the English, who were then in a great measure strangers to this part of North America, and who had no chart, on the correctness of which they could depend. It was, therefore, ordered by the Admiral, that Mr. Cook should be employed to survey those parts of the river, below Quebec, which navigators had experienced to be attended with peculiar difficulty and danger; and he executed the business with the same diligence and skill of which he had already afforded so happy a specimen.

CHAP. I. When he had finished the undertaking, his chart of the river St. Lawrence was published, with foundings, and directions for sailing in that river. Of the accuracy and utility of this chart it is sufficient to say, that it hath never since been found necessary to publish any other. One which has appeared in France is only a copy of our author's, on a reduced scale.

1759
22 Sept.

After the expedition at Quebec, Mr. Cook, by warrant from Lord Colvill, was appointed, on the 22d of September, Master of the Northumberland man of war, the ship in which his lordship staid, in the following winter, as Commodore, with the command of a squadron at Halifax. In this station Mr. Cook's behaviour did not fail to gain him the esteem and friendship of his commander. During the leisure which the season of winter afforded him, he employed his time in the acquisition of such knowledge as eminently qualified him for future service. It was at Halifax that he first read Euclid, and applied himself to the study of astronomy and other branches of science. The books of which he had the assistance were few in number; but his industry enabled him to supply many defects, and to make a progress far superior to what could be expected from the advantages he enjoyed*.

While Mr. Cook was Master of the Northumberland under Lord Colvill, that ship came to Newfoundland, in September, 1762, to assist in

* From the information of Sir Hugh Palliser.

the recapture of the island from the French, by the forces under the command of Lieutenant Colonel Amherst. When the island was recovered, the English fleet staid some days at Placentia, in order to put it in a more complete state of defence. During this time Mr. Cook manifested a diligence in surveying the harbour and heights of the place, which arrested the notice of Captain (now Admiral) Graves, Commander of the Antelope, and Governor of Newfoundland. The Governor was hence induced to ask Cook a variety of questions, from the answers to which he was led to entertain a very favourable opinion of his abilities. This opinion was increased, the more he saw of Mr. Cook's conduct; who, wherever they went, continued to display the most unremitting attention to every object that related to the knowledge of the coast, and which was calculated to facilitate the practice of navigation. The esteem which Captain Graves had conceived for him, was confirmed by the testimonies to his character that were given by all the officers under whom he served*.

In the latter end of 1762, Mr. Cook returned to England; and, on the 21st of December, in the same year, married, at Barking in Essex, Miss Elizabeth Batts†, an amiable and deserving woman, who was justly entitled to, and enjoyed

1762.
21 Dec.

* From a Paper of Admiral Graves's, communicated by the Rev. Dr Douglas, now Bishop of Carlisle.

† From the information of Mrs. Cook.

C H A P. his tenderest regard and affection. But his station
I. in life, and the high duties to which he was called, did not permit him to partake of matrimonial felicity without many and very long interruptions.

Early in the year of 1763, after the peace with France and Spain was concluded, it was determined that Captain Graves should go out again, as Governor of Newfoundland. As the country was very valuable in a commercial view, and had been an object of great contention between the English and the French, the Captain obtained an establishment for the survey of its coasts; which however, he procured with some difficulty, because the matter was not sufficiently understood by Government at home. In considering the execution of the plan, Mr. Cook appeared to Captain Graves to be a proper person for the purpose; and proposals were made to him, to which, notwithstanding his recent marriage, he readily and prudently acceded. Accordingly, he went out with the Captain as surveyor; and was first employed to survey Miquelon and St. Pierre, which had been ceded by the treaty to the French, who, by order of Administration, were to take possession of them at a certain period, even though the English Commander should not happen to be arrived in the country. When Captain Graves had reached that part of the world, he found there the Governor who had been sent from France (Mons. D'Anjac), with all the settlers and his own family, on board a frigate

and some transports. It was contrived, however, CHAP. I.
to keep them in that disagreeable situation for a whole month, which was the time taken by Mr. Cook to complete his survey. When the business was finished, the French were put into possession of the two islands, and left in the quiet enjoyment of them, with every profession of civility*.

At the end of the season, Mr. Cook returned to England, but did not long continue at home. In the beginning of the year 1764, his old and constant friend and patron, Sir Hugh Palliser, was appointed Governor and Commodore of Newfoundland and Labradore; upon which occasion he was glad to take Mr. Cook with him, in the same capacity that he had sustained under Captain Graves. Indeed, no man could have been found who was better qualified for finishing the design which had been begun in the preceding year. The charts of the coasts, in that part of North America, were very erroneous; and it was highly necessary to the trade and navigation of his Majesty's subjects, that new ones should be formed, which would be more correct and useful. Accordingly, under the orders of Commodore Palliser, Mr. Cook was appointed, on the 18th of April, 1764, Marine Surveyor of Newfoundland and Labradore; and he had a vessel, the Grenville schooner, to attend him for that purpose. How well he executed his commission is known to every man acquainted with

1764.
18 April.

* From Admiral Graves's paper,

CHAP. navigation. The charts which he afterwards published of the different surveys he had made, reflected great credit on his abilities and character, and the utility of them is universally acknowledged. It is understood, that, so far as Newfoundland is concerned, they were of considerable service to the King's ministers, in settling the terms of the last peace. Mr. Cook explored the inland parts of this island in a much completer manner than had ever been done before. By penetrating farther into the middle of the country than any man had hitherto attempted, he discovered several large lakes, which are indicated upon the general chart*. In these services Mr. Cook appears to have been employed, with the intervals of occasionally returning to England for the winter season, till the year 1767, which was the last time that he went out upon his station of Marine Surveyor of Newfoundland. It must not be omitted, that, while he occupied this post, he had an opportunity of exhibiting to the Royal Society a proof of his progress in the study of astronomy. A short paper was written by him, and inserted in the fifty-seventh volume of the Philosophical Transactions, entitled, "An observation of an Eclipse of the Sun at the Island of Newfoundland, August 5, 1766, with the Longitude of the Place of Observation deduced from it." The observation was made at one of the Burgeo islands, near Cape Ray, in latitude $47^{\circ} 36' 19''$, on the

* From Sir Hugh Palliser's communications.

south-west extremity of Newfoundland. Mr. CHAP. I.
 Cook's paper having been communicated by Dr. Bevis to Mr. Witchell, the latter gentleman compared it with an observation taken at Oxford, by the Rev. Mr. Hornsby, on the same eclipse, and thence computed the difference of longitude respecting the places of observation, making due allowance for the effect of parallax, and the prolate spheroidal figure of the earth. It appears from the "Tranactions," that our navigator had already obtained the character of being an able mathematician*.

* Philosophical Tranactions, vol. lvii. p. 215, 216.

CHAPTER THE SECOND.

*Continuation of the History of Captain Cook's Life, to
the End of his first Voyage round the World.*

C H A P. II. **T**HERE is scarcely any thing from which the natural curiosity of man receives a higher gratification, than from the accounts of distant countries and nations. Nor is it curiosity only that is gratified by such accounts; for the sphere of human knowledge is hereby enlarged, and various objects are brought into view, an acquaintance with which greatly contributes to the improvement of life and the benefit of the world. With regard to information of this kind, the moderns have eminently the advantage over the ancients. The ancients could neither pursue their enquiries with the same accuracy, nor carry them on to the same extent. Travelling by land was much more inconvenient and dangerous than it hath been in later times; and, as navigation was principally confined to coasting, it must necessarily have been circumscribed within very narrow limits.

The invention of the compass, seconded by the ardent and enterprizing spirit of several able men, was followed by wonderful discoveries. Vasco di Gama doubled the Cape of Good Hope;

and a new way being thus found out to the East Indies, the countries in that part of the earth became more accurately and extensively known. Another world was discovered by Columbus; and, at length, Magalhaens accomplished the arduous and hitherto unattempted task of sailing round the globe. At different periods, he was succeeded by other circumnavigators, of whom it is no part of the present narrative to give an account.

The spirit of discovery, which was so vigorous during the latter end of the fifteenth and through the whole of the sixteenth century, began, soon after the commencement of the seventeenth century, to decline. Great navigations were only occasionally undertaken, and more from the immediate views of avarice or war, than from any noble and generous principles. But of late years they have been revived, with the enlarged and benevolent design of promoting the happiness of the human species.

A beginning of this kind was made in the reign of King George the Second, during which two voyages were performed; the first under the command of Captain Middleton, and the next under the direction of Captains Smith and Moore, in order to discover a North - west passage, through Hudson's Bay *. It was reserved, however, for the glory of the present reign to carry

* Introduction to Capt. Cook's Voyage to the Pacific Ocean, vol. I. p. i.

CHAP. the spirit of discovery to its height, and to
II. conduct it on the noblest principles; not for the purposes of covetousness or ambition; not to plunder or destroy the inhabitants of newly-explored countries; but to improve their condition, to instruct them in the arts of life, and to extend the boundaries of science.

No sooner was peace restored, in 1763, than these laudable designs engaged his Majesty's patronage; and two voyages round the world had been undertaken, before Mr. Cook set out on his first command. The conductors of these voyages were the Captains Byron, Wallis, and Carteret *, by whom several discoveries were made, which contributed, in no small degree, to increase the knowledge of geography and navigation. Nevertheless, as the purpose for which they were sent out appears to have had a principal reference to a particular object in the South Atlantic, the direct track they were obliged to hold, on their way homeward by the East Indies, prevented them from doing so much as might otherwise have been expected towards giving the world a complete view of that immense expanse of Ocean which the South Pacific comprehends †.

* The Captains Wallis and Carteret went out together upon the same expedition; but the vessels they commanded having accidentally parted company, they proceeded and returned by a different route. Hence their voyages are distinctly related by Dr. Hawkesworth.

† Introduction to Capt. Cook's Voyage to the Pacific Ocean, vol I. p. xviii.

Before

Before Captain Wallis and Captain Carteret had returned to great Britain, another voyage was resolved upon, for which the improvement of astronomical science afforded the immediate occasion. It having been calculated by astronomers, that a transit of Venus over the Sun's disk would happen in 1769, it was judged that the best place for observing it would be in some part of the South Sea, either at the Marquesas, or at one of those islands which Tasman had called Amsterdam, Rotterdam, and Middleburg, and which are now better known under the appellation of the Friendly Islands *. This being a matter of eminent consequence in astronomy, and which excited the attention of foreign nations as well as of our own, the affair was taken up by the Royal Society, with the zeal which has always been displayed by that learned body for the advancement of every branch of philosophical science. Accordingly, a long memorial was addressed to his Majesty, dated February the 15th, 1768, representing the great importance of the object, together with the regard which had been paid to it by the principal courts of Europe; and intreating, among other things, that a vessel might be ordered, at the expence of Government, for the conveyance of suitable persons, to make the observation of the transit of Venus at one of the places before mentioned. This memorial

* Introduction to Capt. Cook's second voyage, vol. I. p. xx. fourth edition.

C H A P. having been laid before the King by the Earl of
II Shelburne, (now the Marquis of Landsdown) one of the principal Secretaries of State, his Majesty graciously signified his pleasure to the Lords Commissioners of the Admiralty, that they should provide a ship for carrying over such observers as the Royal Society should judge proper to send to the South Seas; and, on the 3d of April, Mr. Stephens informed the Society, that a bark had been taken up for the purpose *.

The gentleman who had originally been fixed upon to take the direction of the expedition, was Alexander Dalrymple, Esq; an eminent member of the Royal Society, and who, besides possessing an accurate knowledge of astronomy, had distinguished himself by his enquiries into the geography of the Southern Oceans, and by the collection he had published of several voyages to those parts of the world. Mr. Dalrymple being sensible of the difficulty, or rather of the impossibility, of carrying a ship through unknown seas, the crew of which were not subject to the military discipline of his Majesty's Navy, he made it the condition of his going, that he should have a brevet commission as Captain of the vessel, in the same manner as such a commission had been granted to Dr. Halley in his voyage of discovery. To this demand Sir Edward Hawke, who was then at the head of the

* From the minutes of the Council of the Royal Society.

Admiralty, and who possessed more of the spirit of his profession than either of education or science, absolutely refused to accede. He said at the board, that his conscience would not allow him to trust any ship of his Majesty's to a person who had not regularly been bred a seaman. On being farther pressed upon the subject, Sir Edward declared, that he would suffer his right hand to be cut off, before he would sign any such commission. In this he was, in some degree, justified by the mutinous behaviour of Halley's crew, who refused to acknowledge the legal authority of their commander, and involved him in a dispute which was attended with pernicious consequences. Mr. Dalrymple, on the other hand, was equally steady in requiring a compliance with the terms he had proposed. Such was the state of things, when Mr. Stephens, Secretary to the Admiralty, whose discrimination of the numerous characters, with which by his station he is conversant, reflects as much credit on his understanding, as his upright and able conduct does on the office he has filled, for so many years, and under so many administrations, with honour to himself and advantage to the public, observed to the board, that, since Sir Edward Hawke and Mr. Dalrymple were equally inflexible, no method remained but that of finding out another person capable of the service. He knew, he said, a Mr. Cook, who had been employed as Marine Surveyor of Newfoundland, who had been regularly educated in the Navy, in which he was a

- C H A P. master, and whom he judged to be fully qualified for the direction of the present undertaking.
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1768. Mr. Stephens, at the same time, recommended it to the Board, to take the opinion of Sir Hugh Palliser, who had lately been Governor of Newfoundland, and was intimately acquainted with Cook's character. Sir Hugh rejoiced in the opportunity of serving his friend. He strengthened Mr. Stephen's recommendation to the utmost of his power; and added many things in Mr. Cook's favour, arising from the particular knowledge which he had of his abilities and merit *. Accordingly, Mr. Cook was appointed to the command of the expedition by the Lords of the Admiralty; and, on this occasion, he was promoted to the rank of a Lieutenant in the Royal Navy, his commission bearing date on the twenty-fifth of May, 1768. †.

When the appointment had taken place, the first object was to provide a vessel adapted to the purposes of the voyage. This business was committed to Sir Hugh Palliser; who took Lieutenant Cook to his assistance, and they examined together a great number of the ships which then lay in the river Thames. At length, they fixed upon one, of three hundred and seventy tons, to which was given the name of the Endeavour ††.

* From the information of Philip Stephens, Esq; communicated by Sir Joseph Banks.

† From the books of the Admiralty.

†† From Sir Hugh Palliser's communications.

CAPTAIN JAMES COOK.

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While preparations were making for Lieutenant Cook's expedition, Captain Wallis returned from his voyage round the world. The Earl of Morton, President of the Royal Society, had recommended it to this gentleman, on his going out, to fix upon a proper place for observing the transit of Venus. He kept, accordingly, the object in view; and having discovered, in the course of his enterprise, an island, called by him George's Island, but which hath since been found to bear the name of Otaheite, he judged that Port Royal harbour in this island would afford an eligible situation for the purpose. Having, immediately on his return to England, signified his opinion to the Earl of Morton, the Captain's idea was adopted by the Society, and an answer conformable to it was sent to the Commissioners of the Admiralty, who had applied for directions to what place the observers should be sent *.

Mr. Charles Green, a gentleman who had long been assistant to Dr. Bradley at the royal observatory at Greenwich, was united with Lieutenant Cook in conducting the astronomical part of the voyage; and, soon after their appointment, they received ample instructions, from the Council of the Royal Society, with regard to the method of carrying on their enquiries †. The Lieutenant was also accompanied by Joseph

* General Introduction to Hawkesworth's Voyages, vol. I. p. iii.

† Minutes of the Council.

CHAP. Banks, Esq. (now Sir Joseph Banks, Bart.) and
 II. Dr. Solander, who, in the prime of life, and
 1768. the first of them at great expence to himself,
 quitted all the gratifications of polished society,
 and engaged in a very tedious, fatiguing, and
 hazardous navigation, with the laudable views,
 of acquiring knowledge in general, of promoting
 natural knowledge in particular, and of contri-
 buting something to the improvement and the
 happiness of the rude inhabitants of the earth.

Though it was the principal, it was not the
 sole object of Lieutenant Cook's voyage to ob-
 serve the transit of Venus. A more accurate ex-
 amination of the Pacific Ocean was committed to
 him, although in subserviency to his main design;
 and, when his chief business was accomplished,
 he was directed to proceed in making farther
 discoveries in the great Southern Seas*.

The complement of Lieutenant Cook's ship
 consisted of eighty-four persons, besides the Com-
 mander. Her victualling was for eighteen months;
 and there were put on board of her ten carriage
 and twelve swivel guns, together with an ample
 store of ammunition and other necessaries †.

May. On the 25th of May, 1768, Lieutenant Cook
 was appointed, by the Lords of the Admiralty,
 to the command of the Endeavour, in conse-
 27. quence of which he went on board on the 27th,
 and took charge of the ship. She then lay in

* Hawkesworth, ubi supra, p. iv.

† Ibid.

the basin in Deptford-yard, where she continued to lie till she was completely fitted for sea. On the 30th of July she sailed down the river, and on the 13th of August anchored in Plymouth Sound. The wind becoming fair on the 26th of that month, our navigators got under sail, and on the 13th of September anchored in Funchiale Road, in the island of Madeira †.

While Lieutenant Cook and his company were in this island, they were treated with the utmost kindness and liberality by Mr. Cheap, the English Consul there, and one of the most considerable merchants in the town of Funchiale. He insisted upon their taking possession of his house, and furnished them with every possible accommodation during their stay at Madeira. They received, likewise, great marks of attention and civility from Dr. Thomas Heberden, the principal physician of the island, and brother to the excellent and learned Dr. William Heberden, of London. Dr. Thomas Heberden afforded all the assistance in his power to Mr. Banks and Dr. Solander in their botanical enquiries*.

It was not solely from the English that the Lieutenant and his friends experienced a kind reception. The fathers of the Franciscan convent displayed a liberality of sentiment towards them, which might not have been expected from Portuguese friars; and in a visit which they paid

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30 July.

August. 13

26.

13 Sept.

† Hawkesworth's Voyages, vol ii. p. 1. 3.

* Ibid, Voyages, p. 4, 5.

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to a convent of nuns, the ladies expressed a particular pleasure in seeing them. At this visit the good nuns gave an amusing proof of the progress they had made in the cultivation of their understandings. Having heard that there were great philosophers among the English gentlemen, they asked them a variety of questions; one of which was, when it would thunder, and another, whether a spring of fresh water, which was much wanted, was any where to be found within the walls of the convent. Eminent as our philosophers were, they were puzzled by these questions †.

18 Sept.

7 Nov.

Lieutenant Cook, having laid in a fresh stock of beef, water, and wine, set sail from the island of Madeira, in the night of the 18th of September, and proceeded on his voyage. By the 7th of November, several articles of the ship's provisions began to fall short; for which reason the Lieutenant determined to put into Rio de Janeiro. This place he preferred to any other port in Brasil or to Falkland's Islands, because he could there be better supplied with what he wanted, and had no doubt of meeting with a friendly reception*.

During the run between Madeira and Rio de Janeiro, Lieutenant Cook and the gentlemen in the Endeavour had an opportunity of determining a philosophical question. On the evening of the

† Hawkesworth's Voyages, vol. ii. p. 9.

* Ibid. p. 11, 16.

29th of October, they observed that luminous appearance of the sea which hath so often been mentioned by navigators, and which has been ascribed to such a variety of causes. Flashes of light appeared to be emitted, exactly resembling those of lightning, though without being so considerable; and such was the frequency of them that sometimes eight or ten were visible almost at the same moment. It was the opinion of Mr. Cook and the other gentlemen, that these flashes proceeded from some luminous animal; and their opinion was confirmed by experiment*.

At Rio de Janeiro, in the port of which Lieutenant Cook came to an anchor on the 13th of November, he did not meet with the polite reception that, perhaps, he had too sanguinely expected. His stay was spent in continual altercations with the Viceroy, who appeared not a little jealous of the designs of the English: nor were all the attempts of the Lieutenant to set the matter right, capable of producing any effect. The Viceroy was by no means distinguished either by his knowledge or his love of science; and the grand object of Mr. Cook's expedition was quite beyond his comprehension. When he was told that the English were bound to the southward, by the order of his Britannic Majesty, to observe a transit of the planet Venus over the sun, an astronomical phenomenon of great importance to navigation, he could form no other

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29 October.

13 Nov.

* Hawkesworth's Voyages, Vol. ii. p. 15. 16.

CHAP. conception of the matter, than that it was the
 II. passing of the North star through the South
 1768. Pole.

During the whole of the contest with the Viceroy, Lieutenant Cook behaved with equal spirit and discretion. A supply of water and other necessaries could not be refused him, and these were gotten on board by the 1st of December. On that day the Lieutenant sent to the Viceroy for a pilot to carry the Endeavour to sea; but the wind preventing the ship from getting out, she was obliged to continue some time longer in the harbour. A Spanish packet having arrived at Rio de Janeiro on the 2d of December, with dispatches from Buenos Ayres for Spain, the commander, Don Antonio de Monte Negro y Velasco, offered, with great politeness, to convey the letters of the English to Europe. This favour Lieutenant Cook accepted, and gave Don Antonio a packet for the Secretary of the Admiralty, containing copies of all the papers that had passed between himself and the Viceroy. He left, also, duplicates with the Viceroy, that he might forward them, if he thought proper, to Lisbon.

5 Dec. On the 5th of December, it being a dead calm, our navigators weighed anchor, and towed down the Bay; but, to their great astonishment, two shot were fired at them, when they had gotten abreast of Santa Cruz, the principal fortification of the harbour. Lieutenant Cook immediately cast anchor, and sent to the fort to

demand the reason of this conduct; the answer CHAP.
to which was, that the Commandant had received II.
no order from the Viceroy to let the ship 1769.
pass; and that, without such an order, no vessel
was ever suffered to go below the fort. It now
became necessary to send to the Viceroy, to en-
quire why the order had not been given; and
his behaviour appeared the more extraordinary,
as notice had been transmitted to him of the de-
parture of the English, and he had thought pro-
per to write a polite letter to Mr. Cook, wishing
him a good voyage. The Lieutenant's messenger
soon returned, with the information that the
order had been written several days, and that
its not having been sent had arisen from some
unaccountable negligence. It was not till the
7th of December that the Endeavour got under
sail *.

7 Dec.

In the account which Lieutenant Cook has
given of Rio de Janeiro, and the country around
it, one circumstance is recorded, which cannot
be otherwise than very painful to humanity. It
is the horrid expence of life at which the gold
mines are wrought. No less than forty thousand
negroes are annually imported for this purpose,
on the King of Portugal's account; and the Eng-
lish were credibly informed, that, in the year
1766, this number fell so short, that twenty
thousand more were drafted from the town of
Rio †.

* Hawkesworth's Voyages, ubi supra, p. 18 — 27.

† Ibid. p. 34.

CHAP. From Rio de Janeiro Lieutenant Cook pur-

II. sued his voyage, and, on the 14th of January,
 1769, 1769, entered the Streight of Le Maire, at which
 14 January. time the tide drove the ship out with so much
 violence, and raised such a sea off Cape St.
 Diego, that she frequently pitched, so that the
 bowsprit was under water †. On the next day,
 the Lieutenant anchored, first before a small
 cove, which was understood to be Port Maurice,
 and afterwards in the Bay of Good Success.
 While the Endeavour was in this station, hap-
 pened the memorable adventure of Mr. Banks,
 Dr. Solander, Mr. Monkhouse the Surgeon, and
 J. Green the astronomer, together with their at-
 tendants and servants, and two seamen, in ascend-
 ing a mountain to search for plants. In this ex-
 pedition, they were all of them exposed to the
 utmost extremity of danger and of cold; Dr. Solan-
 der was seized with a torpor which had nearly
 proved fatal to his life; and two black servants
 actually died. When the gentlemen had, at
 length, on the second day of their adventure,
 gotten back to the ship, they congratulated each
 other on their safety, with a joy that can only be
 felt by those who have experienced equal perils;
 and Mr. Cook was relieved from a very painful
 anxiety. It was a dreadful testimony of the seve-
 rity of the climate, that this event took place
 when it was the midst of summer in that part of the
 world*, and at the close of a day the beginning

† Hawkesworth, ubi supra, p. 41, 42.

* Ibid. ubi supra p. 43, 46 — 53.

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black servants
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equal perils;
very painful
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took place
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the beginning

of which was as mild and warm as the month of May usually is in England.

In the passage through the Streight of Le Maire, Lieutenant Cook and his ingenious associates had an opportunity of gaining a considerable degree of acquaintance with the inhabitants of the adjoining country. Here it was that they saw human nature in its lowest form. The natives appeared to be the most destitute and forlorn, as well as the most stupid, of the children of men. Their lives are spent in wandering about the dreary wastes that surround them; and their dwellings are no other than wretched hovels of sticks and grass, which not only admit the wind, but the snow and the rain. They are almost naked; and so devoid are they of every convenience which is furnished by the rudest art, that they have not so much as an implement to dress their food. Nevertheless, they seemed to have no wish for acquiring more than they possessed; nor did any thing that was offered them by the English appear acceptable but beads, as an ornamental superfluity of life. A conclusion is hence drawn by Dr. Hawkesworth, that these people may be upon a level with ourselves, in respect to the happiness they enjoy*. This, however, is a position which ought not hastily to be admitted. It is, indeed, a beautiful circumstance, in the order of Divine Providence, that the rudest inhabitants of the earth, and those

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* Hawkesworth, ubi supra, p. 59.

CHAP. who are situated in the most unfavourable climates should not be sensible of their disadvantages.
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1769. But still it must be allowed, that their happiness is greatly inferior, both in kind and degree, to that intellectual, social, and moral felicity which is capable of being attained in a highly-cultivated state of society.

In voyages to the South Pacific Ocean, the determination of the best passage from the Atlantic is a point of peculiar importance. It is well known what prodigious difficulties were experienced in this respect by former navigators. The doubling of Cape Horn, in particular, was so much dreaded, that, in the general opinion, it was far more eligible to pass through the Streight of Magalhaens. Lieutenant Cook hath fully ascertained the erroneousness of this opinion. He was but three-and-thirty days in coming round the land of Terra del Fuego, from the east entrance of the Streight of Le Maire, till he had advanced about twelve degrees to the westward, and three and a half to the northward of the Streight of Magalhaens; and, during this time, the ship scarcely received any damage. Whereas, if he had come into the Pacific Ocean by that passage, he would not have been able to accomplish it in less than three months; besides which, his people would have been fatigued, and the anchors, cables, sails, and rigging of the vessel much injured. By the course he pursued, none of these inconveniences were suffered. In short, Lieutenant Cook, by his own

example in doubling Cape Horn, by his accurate ascertainment of the latitude and longitude of the places he came to, and by his instructions to future voyagers performed the most essential services to this part of navigation *.

It was on the 26th of January that the Endeavour took her departure from Cape Horn; and it appeared, that, from that time to the 1st of March, during a run of six hundred and sixty leagues, there was no current which affected the ship. Hence it was highly probable that our navigators had been near no land of any considerable extent, currents being always found when land is not remote **.

In the prosecution of Lieutenant Cook's voyage from Cape Horn to Otaheite several islands were discovered, to which the names were given of Lagoon Island, Thrumb-cap, Bow Island, The Groups, Bird Island, and Chain Island. It appeared that most of these islands were inhabited; and the verdure, and groves of palm-trees, which were visible upon some of them, gave them the aspect of a terrestrial paradise to men who, excepting the dreary hills of Terra del Fuego, had seen nothing for a long time but sky and water †.

* Hawkesworth, ubi supra, p. 67, 68.

** Ibid. p. 66, 69.

† Ibid. p. 72 — 78. — Lagoon Island lies in latitude $18^{\circ} 47''$ S. and longitude $139^{\circ} 28'$ W.; the Thrumb-cap, in latitude $18^{\circ} 35'$ S. and longitude $139^{\circ} 48'$ W.; Bow Island, in latitude $18^{\circ} 23'$ S.

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On the 11th of April, the Endeavour arrived in sight of Otaheite, and on the 13th she came to an anchor in Port Royal Bay, which is called *Matavai* by the natives. As the stay of the English in the island was not likely to be very short, and much depended on the manner in which traffic should be carried on with the inhabitants, Lieutenant Cook, with great good sense and humanity, drew up a set of regulations for the behaviour of his people, and gave it in command that they should punctually be observed †.

and longitude $141^{\circ} 12' W.$; the south-easternmost of the Groups, in latitude $18^{\circ} 12' S.$ and longitude $142^{\circ} 42' W.$; Bird Island, in latitude $17^{\circ} 48' S.$ and longitude $143^{\circ} 35' W.$; and Chain Island, in latitude $17^{\circ} 23' S.$ and longitude $145^{\circ} 54' W.$

† Hawkefworth, ubi supra, p. 79 — 82. The rules were as follows: "I. To endeavour, by every fair means, to cultivate a friendship with the natives; and to treat them with all imaginable humanity. II. A proper person, or persons, will be appointed to trade with the natives for all manner of provisions, fruit, and other productions of the earth; and no officer or seaman, or other person belonging to the ship, excepting such as are so appointed, shall trade, or offer to trade, for any sort of provision, fruit, or other productions of the earth, unless they have leave so to do. III. Every person employed on shore on any duty whatsoever, is strictly to attend to the same; and if by any neglect he loseth any of his arms, or working tools, or suffers them to be stolen, the full value thereof will be charged against his pay, according to the custom of the Navy in such cases, and he shall receive such farther punishment as the nature of the offence may deserve. IV. The same penalty will be

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One of the first things that occupied the Lieutenant's attention, after his arrival at Otaheite, was to prepare for the execution of his grand commission. For this purpose, as in an excursion to the westward, he had not found any more convenient harbour than that in which the Endeavour lay, he determined to go on shore and fix upon some spot, commanded by the guns of the ship, where he might throw up a small fort for defence, and get every thing ready for making the astronomical observation. Accordingly, he took a party of men, and landed, being accompanied by Mr. Banks, Dr. Solander, and Mr. Green. They soon fixed upon a place very proper for their design, and which was at a considerable distance from any habitation of the natives. While the gentlemen were marking out the ground which they intended to occupy, and seeing a small tent erected that belonged to Mr. Banks, a great number of the people of the country gathered gradually around them, but with no hostile appearance, as there was not among the Indians a single weapon of any kind. Mr. Cook, however, intimated that none of them were to come

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" inflicted on every person who is found to embezzle,
 " trade, or offer to trade, with any part of the ship's
 " stores, of what nature soever. V. No sort of iron, or
 " any thing that is made of iron, or any sort of cloth, or
 " other useful or necessary articles, are to be given in
 " exchange for any thing but provision.

J. COOK.

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One

CHAP. within the line he had drawn, excepting one,
II. who appeared to be a chief, and Owhaw, a
1769. native who had attached himself to the English,
both in Captain Wallis's expedition and in the
present voyage. The Lieutenant endeavoured to
make these two persons understand that the
ground which had been marked out was only
wanted to sleep upon for a certain number of
nights, and that then it would be quitted.
Whether his meaning was comprehended or not,
he could not certainly determine; but the people
behaved with a deference and respect that could
scarcely have been expected, and which were
highly pleasing. They sat down without the
circle, peaceably and uninterruptedly attending
to the progress of the business, which was
upwards of two hours in completing.

This matter being finished, and Mr. Cook
having appointed thirteen marines and a petty
officer to guard the tent, he and the gentlemen
with him set out upon a little excursion into the
woods of the country. They had not, however,
gone far, before they were brought back by a
very disagreeable event. One of the Indians,
who remained about the tent after the Lieutenant
and his friends had left it, watched an oppor-
tunity of taking the centry at unawares, and
snatched away his musquet. Upon this, the petty
officer who commanded the party, and who was
a Midshipman, ordered the marines to fire. With
equal want of consideration, and, perhaps, with
equal inhumanity, the men immediately discharged

their pieces among the thickest of the flying crowd, who consisted of more than a hundred. It being observed that the thief did not fall, he was pursued, and shot dead. From subsequent information it happily appeared, that none of the natives besides were either killed or wounded.

Lieutenant Cook, who was highly displeased with the conduct of the petty officer, used every method in his power to dispel the terrors and apprehensions of the Indians, but not immediately with effect. The next morning but few of the inhabitants were seen upon the beach, and not one of them came off to the ship. What added particularly to the regret of the English was that even Owhaw, who had hitherto been so constant in his attachment, and who the day before had been remarkably active in endeavouring to renew the peace which had been broken, did not now make his appearance. In the evening, however, when the Lieutenant went on shore with only a boat's crew and some of the gentlemen, between thirty and forty of the natives gathered around them, and trafficked with them, in a friendly manner, for cocoa-nuts and other fruit*.

On the 17th, Mr. Cook and Mr. Green set up a tent on shore, and spent the night there, in order to observe an Eclipse of the first satellite of Jupiter; but they met with a disappointment, in consequence of the weather's becoming cloudy.

17 April.

* Hawkesworth, ubi supra, p. 89 — 93.

CHAP. II. The next day, the Lieutenant, with as many of his people as could possibly be spared from the ship, began to erect the fort. While the English were employed in this business, many of the Indians were so far from hindering, that they voluntarily assisted them, and with great alacrity brought the pickets and fascines from the wood where they had been cut. Indeed, so scrupulous had Mr. Cook been of invading their property, that every stake which was used was purchased, and not a tree was cut down till their consent had first been obtained*.

26. On the 26th, the Lieutenant mounted six swivel guns upon the fort, on which occasion he saw, with concern, that the natives were alarmed and terrified. Some fishermen, who lived upon the point, removed to a greater distance; and Owhaw informed the English, by signs, of his expectation that in four days they would fire their great guns.

April. The Lieutenant, on the succeeding day, gave a striking proof of his regard to justice, and of his care to preserve the inhabitants from injury and violence, by the punishment he inflicted on the butcher of the Endeavour, who was accused of having threatened, or attempted, the life of a woman that was the wife of Tubourai Tomaide, a chief remarkable for his attachment to our navigators. The butcher wanted to purchase of her a stone hatchet for a nail. To this bargain she

† Hawkesworth, ubi supra, p. 93, 94.

absolutely refused to accede; upon which the fellow caught up the hatchet, and threw down the nail; threatening, at the same time, that if she made any resistance, he would cut her throat with a reaping-hook which he had in his hand. The charge was so fully proved in the presence of Mr. Banks, and the butcher had so little to say in exculpation of himself, that not the least doubt remained of his guilt. The affair being reported by Mr. Banks to Lieutenant Cook, he took an opportunity, when the Chief and his women, with others of the natives, were on board the ship, to call up the offender, and, after recapitulating the accusation and the proof of it, to give orders for his immediate punishment. While the butcher was stripped, and tied up to the rigging, the Indians preserved a fixed attention, and waited for the event in silent suspense. But as soon as the first stroke was inflicted, such was the humanity of these people, that they interfered with great agitation; and earnestly intreated that the rest of the punishment might be remitted. To this, however, the Lieutenant, for various reasons, could not grant his consent; and, when they found that their intercessions were ineffectual, they manifested their compassion by tears*.

On the first of May, the observatory was set up, and the astronomical quadrant, together with some other instruments, was taken on shore.

* Hawkesworth, ubi supra, p. 102, 103.

CHAP. When, on the next morning, Mr. Cook and
II. Mr. Green landed for the purpose of fixing the
1769. quadrant in a situation for use, to their inexpressible surprize and concern it was not to be found. It had been deposited in a tent reserved for the Lieutenant's use, where no one had slept: it had never been taken out of the packing-case, and the whole was of considerable weight: none of the other instruments were missing; and a centinel had been posted the whole night within five yards of the tent. These circumstances induced a suspicion that the robbery might have been committed by some of our own people, who having seen a deal box, and not knowing the contents, might imagine that it contained nails, or other articles for traffic with the natives. The most diligent search, therefore, was made, and a large reward was offered for the finding of the quadrant, but with no degree of success. In this exigency, Mr. Banks was of eminent service. As this gentleman had more influence over the Indians than any other person on board the Endeavour, and as there could now be little doubt of the quadrant's having been conveyed away by some of the natives, he determined to go in search of it into the woods; and it was recovered in consequence of his judicious and spirited exertions. The pleasure with which it was brought back was equal to the importance of the event; for the grand object of the voyage could not otherwise have been accomplished*.

* Hawkesworth, ubi supra, p. 111 — 114.

Another embarrassing, though not of so serious a nature, was occasioned, on the very same day, by one of our officers having inadvertently taken into custody Tootahah, a chief who had connected himself in the most friendly manner with the English. Lieutenant Cook, who had given express orders that none of the Indians should be confined, and who, therefore, was equally surprized and concerned at this transaction, instantly set Tootahah at liberty. So strongly had this Indian been possessed with the notion that it was intended to put him to death, that he could not be persuaded to the contrary till he was led out of the fort. His joy at his deliverance was so great, that it displayed itself in a liberality which our people were very unwilling to partake of, from a consciousness that on this occasion they had no claim to the reception of favours. The impression, however, of the confinement of the chief operated with such force upon the minds of the natives, that few of them appeared; and the market was so ill supplied, that the English were in want of necessaries. At length, by the prudent exertions of Lieutenant Cook, Mr. Banks, and Dr. Solander, the friendship of Tootahah was completely recovered, and the reconciliation worked upon the Indians like a charm; for it was no sooner known that he had gone voluntarily on board the Endeavour, than bread-fruit, cocoa-nuts, and other provisions, were brought to the fort in great plenty*.

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* Hawkesworth, ubi supra, p. 114 — 121.

- CHAP. II. The Lieutenant and the rest of the gentlemen had hitherto, with a laudable discretion, bartered only beads for the articles of food now mentioned. But the market becoming slack, they were obliged for the first time, on the eighth of May, to bring out their nails; and such was the effect of this new commodity, that one of the smallest size, which was about four inches long, procured twenty cocoa-nuts, and bread-fruit in proportion*.
10. It was not till the tenth of the month that our voyagers learned that the Indian name of the island was OTAHEITE, by which name it hath since been always distinguished*.
14. On Sunday the fourteenth, an instance was exhibited of the inattention of the natives to our modes of religion. The Lieutenant had directed that divine service should be performed at the fort; and he was desirous that some of the principal Indians should be present. Mr. Banks secured the attendance of Tubourai Tamaide and his wife Tomio, hoping that it would give occasion to some enquiries on their part, and to some instruction in return. During the whole service, they very attentively observed Mr. Banks's behaviour, and stood, sat, or kneeled, as they saw him do; and they appeared to be sensible that it was a serious and important employment in which the English were engaged. But when the worship was ended, neither of

* Hawkesworth, ubi supra, p. 122.

† Ibid. p. 123.

them asked any questions, nor would they attend to any explanations which were attempted to be given of what had been performed *.

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As the day approached for executing the grand purpose of the voyage, Lieutenant Cook determined; in consequence of some hints which he had received from the Earl of Morton, to send out two parties, to observe the transit of Venus from other situations. By this means he hoped that the success of the observation would be secured, if there should happen to be any failure at Otaheite. Accordingly, on Thursday the first of June, he dispatched Mr. Gore in the long-boat to Eimeo, a neighbouring island, together with Mr. Monkhouse, and Mr. Sporing, a gentleman belonging to Mr. Banks. They were furnished by Mr. Green with proper instruments. Mr. Banks himself chose to go upon this expedition, in which he was accompanied by Tubourai Tamaide and Tomio, and by others of the natives. Early the next morning, the Lieutenant sent Mr. Hicks, in the pinnace, with Mr. Clerk and Mr. Pickersgill, and Mr. Sanders, one of the midshipmen, ordering them to fix upon some convenient spot to the eastward, at a distance from the principal observatory, where they also might employ the instruments they were provided with for observing the transit.

1 Jun.

The anxiety for such weather as would be favourable to the success of the experiment, was

* Hawkefworth, ubi supra, p. 127.

CHAP. powerfully felt by all the parties concerned.

II. They could not sleep in peace the preceding night : but their apprehensions were happily removed by the sun's rising, on the morning of the third of June, without a cloud. The weather continued with equal clearness through the whole of the day; so that the observation was successfully made in every quarter. At the fort, where Lieutenant Cook, Mr. Green, and Dr. Solander were stationed, the whole passage of the planet Venus over the sun's disk was observed with great advantage. The magnifying power of Dr. Solander's telescope was superior to that of those which belonged to the Lieutenant and to Mr. Green. They all saw an atmosphere or dusky cloud round the body of the planet; which much disturbed the times of contact, and especially of the internal ones; and, in their accounts of these times, they differed from each other in a greater degree than might have been expected. According to Mr. Green,

The first external contact, or	h.	min.	sec.	} Morning.
first appearance of Venus.				
on the sun, was	-	-	9 25 42	}
The first internal contact, or				
total immersion, was	-	-	9 44 4	} Afternoon.
The second internal contact,				
or beginning of the emer-				}
sion, was	-	-	3 14 8	
The second external contact,				}
or total emersion, was	-	-	3 32 10	
The latitude of the observatory was found				

s concerned.
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n. sec. }
 5 42 } Morning.
 4 4 }
 4 8 } Afternoon.
 2 10 }
 s found

to be $17^{\circ} 29' 15''$; and the longitude $149^{\circ} 32' 30''$ west of Greenwich.

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A more particular account of this great astronomical event, the providing for the accurate observation of which reflects so much honour on his Majesty's munificent patronage of science, may be seen in the sixty-first volume of the *Philosophical Transactions* *.

The pleasure which Lieutenant Cook and his friends derived from having thus successfully accomplished the first grand object of the voyage, was not a little abated by the conduct of some of the ship's company, who, while the attention of the officers was engrossed by the transit of Venus, broke into one of the store-rooms, and stole a quantity of spike nails, amounting to no less than an hundred weight. This was an evil of a public and serious nature; for these nails, if injudiciously circulated among the Indians, would be productive of irreparable injury to the English, by reducing the value of iron, their staple commodity. One of the thieves, from whom only seven nails were recovered, was detected; but, though the punishment of two dozen lashes was inflicted upon him, he would not impeach any of his accomplices †.

Upon account of the absence of the two parties who had been sent out to observe the transit,

* Hawkesworth, ubi supra, 137—141. *Transactions*, vol. lxi. p. 397.

† Hawkesworth, ubi supra, p. 141.

CHAP. the King's birthday was celebrated on the fifth,
 II. instead of the fourth of June *; and the festivity
 1769. of the day must have been greatly heightened
 † June. by the happy success with which his Majesty's
 liberality had been crowned.

12. On the twelfth, Lieutenant Cook was again
 reduced to the necessity of exercising the severity
 of discipline. Complaint having been made to
 him, by certain of the natives, that two of the
 seamen had taken from them several bows and
 arrows, and some strings of plated hair, and the
 charge being fully supported, he punished each
 of the criminals with two dozen of lashes.

On the same day it was discovered, that
 Otaheite, like other countries in a certain period
 of society, has its bards and its minstrels. Mr.
 Banks, in his morning's walk, had met with a
 number of natives, who appeared, upon enquiry,
 to be travelling musicians; and having learned
 where they were to be at night, all the gentle-
 men of the Endeavour repaired to the place.
 The band consisted of two flutes and three
 drums; and the drummers accompanied the music
 with their voices. To the surprise of the English
 gentlemen, they found that themselves were
 generally the subject of the song, which was
 unpremeditated. These minstrels were continually
 going about from place to place; and they were
 rewarded, by the master of the house and the
 audience, with such things as they wanted.

† Hawkesworth, ubi supra, p. 142.

The repeated thefts which were committed by the inhabitants of Otaheite brought our voyagers into frequent difficulties, and it required all the wisdom of Lieutenant Cook to conduct himself in a proper manner. His sentiments on the subject displayed the liberality of his mind. He thought it of consequence, to put an end, if possible, to thievish practices at once, by doing something that should engage the natives in general to prevent them, from a regard to their common interest. Strict orders had been given by him, that they should not be fired upon, even when they were detected in attempting to steal any of the English property. For this the Lieutenant had many reasons. The common centinels were in no degree fit to be entrusted with a power of life and death; neither did Mr. Cook think that the thefts committed by the Otaheitans deserved so severe a punishment. They were not born under the law of England; nor was it one of the conditions under which they claimed the benefits of civil society, that their lives should be forfeited, unless they abstained from theft. As the Lieutenant was not willing that the natives should be exposed to fire-arms loaded with shot, neither did he approve of firing only with powder, which, if repeatedly found to be harmless, would at length be despised. At a time when a considerable robbery had been committed, an accident furnished him with what he hoped would be a happy expedient for preventing future attempts of the same kind. Above twenty of the

CHAP.
II.
1769.

failing canoes of the inhabitants came in with a supply of fish. Upon these Lieutenant Cook immediately seized, and, having brought them into the river behind the fort, gave notice, that unless the things which had been stolen were returned, the canoes should be burnt. This menace, without designing to put it into execution, he ventured to publish, from a full conviction that, as restitution was thus made a common cause, the stolen goods would all of them speedily be brought back. In this, however, he was mistaken. An iron coal-rake, indeed, was restored; upon which great sollicitation was made for the release of the canoes; but he still insisted on his original condition. When the next day came, he was much surprized to find that nothing farther had been returned; and, as the people were in the utmost distress for the fish, which would in a short time be spoilt, he was reduced to the disagreeable alternative, either of releasing the canoes, contrary to what he had solemnly and publicly declared, or of retaining them, to the great damage of those who were innocent. As a temporary expedient, he permitted the natives to take the fish, but still detained the canoes. So far was this measure from being attended with advantage, that it was productive of new confusion and injury; for as it was not easy at once to distinguish to what particular persons the several lots of fish belonged, the canoes were plundered by those who had no right to any part of their cargo. At length, most pressing

instances being still made for the restoration of the canoes, and Lieutenant Cook having reason to believe, either that the things for which he detained them were not in the island, or that those who suffered by their detention were absolutely incapable of prevailing upon the thieves to relinquish their booty, he determined, though not immediately, to comply with the solicitations of the natives. Our commander was, however, not a little mortified at the ill success of his project *.

About the same time, another accident occurred, which, notwithstanding all the caution of our principal voyagers, was very near embroiling them with the Indians. The Lieutenant having sent a boat on shore to get ballast for the ship, the officer, not immediately finding stones suitable to the purpose, began to pull down some part of an inclosure in which the inhabitants had deposited the bones of their dead. This action a number of the natives violently opposed; and a messenger came down to the tents, to acquaint the gentlemen that no such thing would be suffered. Mr. Banks directly repaired to the place, and soon put an amicable end to the contest, by sending the boat's crew to the river, where sufficient quantity of stones might be gathered without a possibility of giving offence. These Indians appeared to be much more alarmed at any injury which they apprehended to be done

* Hawkesworth, *ubi supra*, p. 147 — 150.

CHAP. II. to the dead than to the living. This was the only measure in which they ventured to oppose the English: and the only insult that was ever offered to any individual belonging to the Endeavour was upon a similar occasion*. It should undoubtedly be the concern of all voyagers, to abstain from wantonly offending the religious prejudices of the people among whom they come.

1769. To extend the knowledge of navigation and the sphere of discovery, objects which we need not say that Lieutenant Cook kept always steadily in view, he set out, in the pinnace, on 26 June. the twenty-sixth of June, accompanied by Mr. Banks, to make the circuit of the island. The particulars of this circuit, in which the Lieutenant and his companions were once thrown into great alarm by the apprehended loss of the boat, are fully related in Dr. Hawkesworth's Narrative. By this expedition Mr. Cook obtained an acquaintance with the several districts of Otaheite, the chiefs who presided over them, and a variety of curious circumstances respecting the manners and customs of the inhabitants. On the first of July, he got back to the fort at Matavai, having found the circuit of the island, including the two peninsulas of which it consisted, to be about thirty leagues †.

The circumnavigation of Otaheite was followed by an expedition of Mr. Banks's to trace

* Hawkesworth, ubi supra, p. 150, 151.

† Ibid. p. 155 — 169.

the river up the valley from which it issues, and examine how far its banks were inhabited. During this excursion, he discerned many traces of subterraneous fire. The stones, like those of Madeira, displayed evident tokens of having been burnt; and the very clay upon the hills had the same appearance.

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Another valuable employment of Mr. Banks was the planting of a great quantity of the seeds of water-melons, oranges, lemons, limes, and other plants and trees which he had collected at Rio de Janeiro. For these he prepared ground on each side of the fort, and selected as many varieties of soil as could be found. He gave, also, liberally of these seeds to the natives, and planted many of them in the woods *.

Lieutenant Cook now began to prepare for his departure. On the seventh of July, the carpenters were employed in taking down the gates and pallisadoes of the fortification; and it was continued to be dismantled during the two following days. Our Commander and the rest of the gentlemen were in hopes that they should quit Otaheite without giving or receiving any farther offence; but in this respect they were unfortunately disappointed. The Lieutenant had prudently overlooked a dispute of a smaller nature between a couple of foreign seamen and some of the Indians, when he was immediately involved in a quarrel which he greatly regretted, and which

7 July.

* Hawkesworth, ubi supra, p. 172—175.

- C H A P. yet it was totally out of his power to avoid. In
II. the middle of the night, between the eighth and
1769. the ninth, Clement Webb and Samuel Gibson,
9 July. two of the marines, went privately from the
fort. As they were not to be found in the
morning, Mr. Cook was apprehensive that they
intended to stay behind; but, being unwilling
to endanger the harmony and good-will which
at present subsisted between our people and the
natives, he determined to wait a day for the
chance of the men's return. As, to the great
concern of the Lieutenant, the marines were not
10. come back on the morning of the tenth, enquiry
was made after them of the Indians, who ac-
knowledged that each of them had taken a wife,
and had resolved to become inhabitants of the
country. After some deliberation, two of the
natives undertook to conduct such persons to the
place of the deserters' retreat as Mr. Cook should
think proper to send; and accordingly he dis-
patched with the guides a petty officer, and the
corporal of the marines. As it was of the utmost
importance to recover the men, and to do it
speedily, it was intimated to several of the
chiefs who were in the fort with the women,
among whom were Tubourai Tomaide, Tomio,
and Oberea, that they would not be permitted
to leave it till the fugitives were returned; and
the Lieutenant had the pleasure of observing that
they received the intimation with very little
indications of alarm, and with assurances that his
people should be secured and sent back as soon as

C H A P.

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1769.

possible. While this transaction took place at the fort, our Commander sent Mr. Hicks in the pinnace to fetch Tootahah on board the ship. Mr. Cook had reason to expect, if the Indian guides proved faithful, that the deserters, and those who went in search of them, would return before the evening. Being disappointed, his suspicions increased, and thinking it not safe, when the night approached, to let the persons whom he had detained as hostages continue at the fort, he ordered Tubourai Tomaide, Oberea, and some others, to be taken on board the Endeavour; a circumstance which excited so general an alarm, that several of them, and especially the women, expressed their apprehensions with great emotion and many tears. Webb, about nine o'clock, was brought back by some of the natives, who declared that Gibson, and the petty officer and corporal, would not be restored till Tootahah should be set at liberty. Lieutenant Cook now found that the tables were turned upon him; but, having proceeded too far to retreat, he immediately dispatched Mr. Hicks in the long-boat, with a strong party of men, to rescue the prisoners. Tootahah was, at the same time, informed, that it behoved him to send some of his people with them, for the purpose of affording them effectual assistance. With this injunction he readily complied, and the prisoners were restored without the least opposition. On the next day they were brought back to the ship, upon which the chiefs were released from

11 July

CHAP. their confinement. Thus ended an affair which
II. had given the Lieutenant a great deal of trouble
1769. and concern. It appears, however, that the
measure which he pursued was the result of an
absolute necessity; since it was only by the
seizure of the chiefs that he could have recovered
his men. Love was the seducer of the two mari-
nes. So strong was the attachment which they
had formed to a couple of girls, that it was
their design to conceal themselves till the ship
had sailed, and to take up their residence in the
island *.

Tupia was one of the natives who had so
particularly devoted himself to the English, that
he had scarcely ever been absent from them
during the whole of their stay at Otaheite. He
had been Oberea's first minister, while she was
in the height of her power; and he was also
chief priest of the country. To his knowledge
of the religious principles and ceremonies of the
Indians, he added great experience in navigation,
and a particular acquaintance with the number
and situation of the neighbouring islands. This
man had often expressed a desire to go with our
navigators, and when they were ready to depart,
he came on board, with a boy about thirteen
years of age, and intreated that he might be
permitted to proceed with them on their voyage.
To have such a person in the Endeavour, was
desirable on many accounts; and, therefore,
Lieutenant Cook gladly acceded to his proposal.

* Hawkesworth, ubi supra, p. 175 — 180.

On the thirteenth of July, the English weighed anchor; and as soon as the ship was under sail, the Indians on board took their leaves, and wept, with a decent and silent sorrow, in which there was something very striking and tender. Tupia sustained himself in this scene with a truly admirable firmness and resolution; for, though he wept, the effort he made to conceal his tears concurred, with them, to do him honour.

The stay of our voyagers at Otaheite was three months, the greater part of which time was spent in the most cordial friendship with the inhabitants, and a perpetual reciprocation of good offices. That any differences should happen, was greatly regretted on the part of Lieutenant Cook and his friends, who were studious to avoid them as much as possible. The principal causes of them resulted from the peculiar situation and circumstances of the English and the Indians, and especially from the disposition of the latter to theft. The effects of this disposition could not always be submitted to or prevented. It was happy, however, that there was only a single instance in which the differences that arose were attended with any fatal consequence; and by that accident the Lieutenant was instructed to take the most effectual measures for the future prevention of similar events. He had nothing so much at heart, as that in no case the intercourse of his people with the natives should be productive of bloodshed.

C H A P.

II.

1769.

13 July.

CHAP. The traffic with the inhabitants for provisions
II. and refreshments, which was chiefly under the
1769- management of Mr. Banks, was carried on with
as much order as in any well-regulated market
in Europe. Axes, hatchets, spikes, large nails,
looking-glasses, knives, and beads, were found
to be the best articles to deal in; and for some
of these, every thing which the inhabitants
possessed might be procured. They were, indeed,
fond of fine linen cloth, whether white or
printed; but an axe, worth half a crown, would
fetch more than a piece of cloth of the value of
twenty shillings *.

It would deviate from the plan of this narrative, to enter into a minute account of the nature, productions, inhabitants, customs, and manners of the countries which were discovered or visited by Mr. Cook; or to give a particular detail of every nautical, geographical, and astronomical observation. These things must be sought for in the voyages at large which have been published by authority. It will be sufficient here to take notice, that our Commander did not depart from Otaheite without accumulating a store of information and instruction for the enlargement of knowledge and the benefit of navigation.

While the Endeavour proceeded on her voyage under an easy sail, Tupia informed Lieutenant Cook, that, at four of the neigh-

* Hawkesworth, *ubi supra*, p. 180 — 183.

bouring islands, which he distinguished by the names of HUAHEINE, ULIETEA, OTAHA, and BOLABOLA, hogs, fowls, and other refreshments, which had latterly been sparingly supplied at Otaheite, might be procured in great plenty. The Lieutenant, however, was desirous of first examining an island that lay to the northward, and was called TETHUROA. Accordingly, he came near it; but having found it to be only a small low island, and being told, at the same time, that it had no settled inhabitants, he determined to drop any farther examination of it, and to go in search of Huaheine and Ulietea, which were described to be well peopled, and as large as Otaheite.

On the fifteenth of July, the weather being hazy, with light breezes and calms succeeding each other, so that no land could be seen, and little way was made, Tupia afforded an amusing proof that, in the exercise of his priestly character, he knew how to unite some degree of art with his superstition. He often prayed for a wind to his god Tane, and as often boasted of his success. This, indeed, he took a most effectual method to secure; for he never began his address to his Divinity, till he perceived the breeze to be so near, that he knew it must approach the ship before his supplications could well be brought to a conclusion *.

* Hawkesworth, ubi supra, p. 249, 250.

C H A P.

II.

1769.

16 July.

The Endeavour, on the sixteenth, being close in with the north-west part of Huaheine, some canoes soon came off, in one of which was the King of the island and his wife. At first the people seemed afraid; but, upon seeing Tupia, their apprehensions were in part dispersed, and, at length, in consequence of frequent and earnestly-repeated assurances of friendship, their Majesties and several others ventured on board the ship. Their astonishment at every thing which was shewn them was very great; and yet their curiosity did not extend to any objects but what were particularly pointed out to their notice. When they had become more familiar, Mr. Cook was given to understand, that the King was called OREE, and that he proposed, as a mark of amity, their making an exchange of their names. To this our Commander readily consented; and, during the remainder of their being together, the Lieutenant was Oree, and his Majesty was Cookee. In the afternoon, the Endeavour having come to an anchor, in a small but excellent harbour on the west side of the island, the name of which was OWHARRE, Mr. Cook, accompanied by Mr. Banks, Dr. Solander, Mr. Monkhouse, Tupia, and the natives who had been on board ever since the morning, immediately went on shore. The English gentlemen repeated their excursions on the two following days; in the course of which they found that the people of Huaheine had a very near resemblance to those of Otaheite, in

person, dress, language, and every other circumstance; and that the productions of the country were exactly similar.

In trafficking with our people, the inhabitants of Huaheine displayed a caution and hesitation which rendered the dealing with them slow and tedious. On the nineteenth, therefore, the English were obliged to bring out some hatchets, which it was at first hoped there would be no occasion for, in an island that had never before been visited by any European. These procured three very large hogs; and as it was proposed to sail in the afternoon, Oree and several others came on board to take their leave. To the King Mr. Cook gave a small pewter plate, on which was stamped this inscription; "His Britannic Majesty's ship Endeavour, Lieutenant James Cook Commander, 16th July 1769, Huaheine." Among other presents made to Oree, were some medals or counters, resembling the coin of England, and struck in the year 1761; all of which, and particularly the plate, he promised carefully and inviolably to preserve. This the Lieutenant thought to be as lasting a testimony as any he could well provide, that the English had first discovered the island; and having dismissed his visitors, who were highly pleased with the treatment they had met with, he sailed for Ulietea, in a good harbour of which he anchored the next day *.

* Hawkesworth, ubi supra, p. 150. — 156. Huaheine

CHAP.
II.

1769.

19 July.

CHAP. II. Tupia had expressed his apprehension that our navigators, if they landed upon the island, would be exposed to the attacks of the men of Bolabola, whom he represented as having lately conquered it, and of whom he entertained a very formidable idea. This, however, did not deter Mr. Cook, Mr. Banks, Dr. Solander, and the other gentlemen, from going immediately on shore. Tupia, who was of the party, introduced them, by performing some ceremonies which he had practised before at Huaheine. After this, the Lieutenant hoisted an English jack, and, in the name of his Britannic Majesty, took possession of Ulietea, and the three neighbouring islands, Huaheine, Otaha, and Bolabola, all of which were in fight.

21 July. On the twenty-first, the master was dispatched in the long-boat, to examine the coast of the south part of the island; and one of the mates was sent in the yawl, to sound the harbour where the Endeavour lay†. At the same time, Lieutenant Cook went himself in the pinnace, to survey that part of Ulietea which lies to the north. Mr. Banks, likewise, and the gentlemen

is situated in the latitude of $16^{\circ} 43'$ S. and longitude $150^{\circ} 52'$ W. from Greenwich. Its distance from Otaheite is about thirty-one leagues, in the direction of N. 58. W. and it is about seven leagues in compass.

† This harbour or bay is called by the natives OPOA, and extends almost the whole length of the east side of the Island. In its greatest extent it is capable of holding any number of shipping.

again went on shore, and employed themselves in trading with the natives, and in examining the productions and curiosities of the country; but they saw nothing worthy of notice, excepting some human jaw-bones, which, like scalps among the Indians of North America, were trophies of war, and had probably been hung up, by the warriors of Bolabola, as a memorial of their conquest.

The weather being hazy on the twenty-second and twenty-third, with strong gales, the Lieutenant did not venture to put to sea; but, on the twenty-fourth, though the wind continued to be variable, he got under sail, and plied to the northward within the reef, purposing to go out at a wider opening than that by which he had entered the harbour. However, in doing this, he was in imminent danger of striking on the rock. The master, who by his order had kept continually sounding in the chains, suddenly called out, "two fathom." Though our Commander knew that the ship drew at least fourteen feet, and consequently that the shoal could not possibly be under her keel, he was, nevertheless, justly alarmed. Happily, the master was either mistaken, or the Endeavour went along the edge of a coral rock, many of which, in the neighbourhood of these islands, are as steep as a wall*.

After a tedious navigation of some days, during which several small islands were seen, and the

C H A P.

II.

1769.

23 July.

24.

* Hawkesworth, ubi supra, p. 256 — 258.

CHAP. long-boat landed at Otaha, Lieutenant Cook re-
II. turned to Ulietea, but to a different part of it
1769. from that which he had visited before. In a
harbour. belonging to the west side of the island,
1 August. he came to an anchor on the first of August. This
measure was necessary, in order to stop a leak
which the ship had sprung in the powder room,
and to take in more ballast, as she was found too
light to carry sail upon a wind. The place
where the Endeavour was secured was conveni-
ently situated for the Lieutenant's purpose of
obtaining ballast and water.

Mr. Banks, Dr. Solander, and the gentlemen who
went on shore this day, spent their time much to
their satisfaction. The reception they met was re-
spectful in the highest degree, and the behaviour of
the Indians to the English indicated a fear of them,
mixed with a confidence that they had no propen-
sity to commit any kind of injury. In an intercourse
which the Lieutenant and his friends carried on,
for several days, with the inhabitants of this part
of the island, it appeared that the terrors which
Tupia had expressed of the Bolabola conquerors
were wholly groundless. Even Opoony, the
formidable King of Bolabola, treated our navi-
gators with respect. Being at Ulietea on the fifth
of August, he sent Mr. Cook a present of three
hogs, some fowls, and several pieces of cloth,
of uncommon length, together with a considera-
ble quantity of plantains, cocoa-nuts, and other
refreshments. This present was accompanied with

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a message, that, on the next day, he intended to pay our Commander a visit. Accordingly, on the sixth, the Lieutenant and the rest of the gentlemen all staid at home, in expectation of this important visiter; who did not, however, make his appearance, but sent three very pretty girls as his messengers, to demand something in return for his present. In the afternoon, as the great King would not go to the English, the English determined to go to the great King. From the account which had been given of him, as lord of the Bolabola men, who were the conquerors of Ulietea, and the terror of all the other islands, Lieutenant Cook and his companions expected to see a young and vigorous chief, with an intelligent countenance, and the marks of an enterprising spirit; instead of which, they found a feeble wretch, withered and decrepid, half blind with age, and so sluggish and stupid that he scarcely appeared to be possessed even of a common degree of understanding. Otaha being the principal place of Opoony's residence, he went with our navigators to that island on the next day; and they were in hopes of deriving some advantage from his influence, in obtaining such provision as they wanted. In this respect, however, they were disappointed, for, though they had presented him with an axe, as an inducement to him to encourage his subjects in dealing with them, they were obliged to leave him without having procured a single article.

C H A P.

II.

1769,

6 August.

7 August.

CHAP. II. The time which the carpenters had taken up in stopping the leak of the ship, having detained our voyagers longer at Ulietea than they would otherwise have staid, Lieutenant Cook determined to give up the design of going on shore at Bolabola, especially as it appeared to be difficult of access. The principal islands, about which the English had now spent somewhat more than three weeks, were six in number; Ulietea, Otaha, Bolabola, Huaheine, Tubai, and Maurua*. As they lie contiguous to each other, the Lieutenant gave them the general appellation of SOCIETY ISLANDS: but did not think proper to distinguish them separately by any other names than those by which they were called by the natives.

9 August. On the ninth of August, the leak of the vessel having been stopped, and the fresh stock that had been purchased being brought on board, our Commander took the opportunity of a breeze which sprang up at east, and sailed out of the harbour. As he was sailing away, Tupia strongly urged him to fire a shot towards Bolabola; and, though that island was at seven leagues distance, the Lieutenant obliged him by complying with

* These islands are situated between the latitude of $16^{\circ} 10'$ and $16^{\circ} 55'$ south, and between the longitude of $150^{\circ} 57'$ and 152° west from the meridian of Greenwich. The smaller islands discovered, or seen, in the neighbourhood of Otaheite and the Society Isles, were Tethuroa, Eimeo, Tapoamanoa, Oatara, Oporuru, Tamou, Toahoutu, and Whennuaia.

his request. Tupia's views probably were, to display a mark of his resentment, and to shew the power of his new allies *.

C H A P.

II.

1769,

13 August.

Our voyagers pursued their course, without meeting with any event worthy of notice, till the thirteenth, when land was discovered bearing south-east, and which Tupia informed them to be an island called OHETEROA. On the next day, Mr. Cook sent Mr. Gore, one of his Lieutenants, in the pinnace, with orders that he should endeavour to get on shore, and learn from the natives whether there was anchorage, in a bay then in sight, and what land lay farther to the southward. Mr. Gore was accompanied in this expedition by Mr. Banks, Dr. Solander, and Tupia, who used every method, but in vain, to conciliate the mind of the inhabitants, and to engage them in a friendly intercourse. As, upon making the circuit of the island neither harbour nor anchorage could be found upon it, and, at the same time, the disposition of the people was so hostile, that landing would be rendered impracticable without bloodshed, Mr. Cook determined, with equal wisdom and humanity, not to attempt it, having no motive that could justify the risk of life †.

* Hawkesworth, ubi supra, p. 258 — 270.

† Oheteroa is situated in the latitude of $22^{\circ} 27'$ south, and in the longitude of $150^{\circ} 47'$ west from the meridian of Greenwich. It is thirteen miles in circuit, and rather high than low; but it did not appear to be equal, either in populousness or fertility, to the other islands which had been seen in these seas.

CHAP.

II.

1769.

From Tupia our navigators learned that there were various islands lying at different distances and in different directions from Oheteroa, between the south and the northwest; and that to the north-east there was an island called Manua, Bird Island. This he represented as being at the distance of three days sail; but he seemed most desirous that Lieutenant Cook should proceed to the westward, and described several islands in that situation, which he said he had visited. It appeared, from his description of them, that these were probably Boscawen and Keppel's islands, which were discovered by Captain Wallis. The farthest island that Tupia knew of to the southward, lay, he said, at the distance of about two days sail from Oheteroa, and was called MOUTOU. But he added, that his father had informed him of there being islands still more to the south. Upon the whole, our Commander determined to stand southward in search of a continent, and to lose no time in attempting to discover any other islands than such as he might happen to fall in with during his course †.

25 August.

25

30.

On the fifteenth of August, our voyagers sailed from Oheteroa; and on the twenty-fifth of the same month was celebrated the anniversary of their departure from England. The comet was seen on the thirtieth. It was a little above the horizon, in the eastern part of the heavens, at one in the morning; and at about half an hour

† Hawkesworth, ubi supra, p. 272 — 279.

after

after four it passed the meridian, and its tail subtended an angle of forty-two degrees *. Tupia, who was among others that observed the comet, instantly cried out, that as soon as it should be seen by the people of Bolabola, they would attack the inhabitants of Ulietea, who would be obliged to endeavour to preserve their lives by fleeing with the utmost precipitation to the mountains.

C H A P.

II.

1769.

On the sixth of October land was discovered, which appeared to be large. When, on the next day, it was more distinctly visible, it assumed a still larger appearance, and displayed four or five ranges of hills, rising one over the other, above all which was a chain of mountains of an enormous height. This land naturally became the subject of much eager conversation; and the general opinion of the gentlemen on board the Endeavour was, that they had found the *Terra australis incognita*. In fact, it was a part of New Zealand, where the first adventures the English met with were very unpleasant, on account of the hostile disposition of the inhabitants.

5 October.

Lieutenant Cook, having anchored, on the eighth, in a bay, at the entrance of a small river, went on shore in the evening, with the pinnace and yawl, accompanied by Mr. Banks and Dr. Solander, and attended with a party of men. Being desirous of conversing with some natives

* The latitude of the ship was $38^{\circ} 20'$ south, and the longitude, by log, $147^{\circ} 6'$ west.

C H A P. II. whom he had observed on the opposite side of the river from that on which he had landed, he ordered the yawl in, to carry himself and his companions over, and left the pinnace at the entrance. When they came near the place where the Indians were assembled, the latter all ran away; and the gentlemen, having left four boys to take care of the yawl, walked up to several huts which were about two or three hundred yards from the water-side. They had not gone very far, when four men, armed with long lances, rushed out of the woods, and running up to attack the boat would certainly have cut her off, if they had not been discovered by the people in the pinnace, who called to the boys to drop down the stream. The boys instantly obeyed; but being closely pursued by the natives, the cockswain of the pinnace, to whom the charge of the boats was committed, fired a musquet over their heads. At this they stopped and looked around them; but their alarm speedily subsiding, they brandished their lances in a threatening manner, and in a few minutes renewed the pursuit. The firing of a second musquet over their heads did not draw from them any kind of notice. At last, one of them having lifted up his spear to dart it at the boat, another piece was fired, by which he was shot dead. At the fall of their associate, the three remaining Indians stood for a while motionless, and seemed petrified with astonishment. No sooner had they recovered themselves, than they went back,

dragging after them the dead body, which, however, they were obliged to leave, that it might not retard their flight. Lieutenant Cook and his friends, who had straggled to a little distance from each other, were drawn together upon the report of the first musquet, and returned speedily to the boat, in which having crossed the river, they soon beheld the Indian lying dead upon the ground. After their return to the ship, they could hear the people on shore talking with great earnestness, in a very loud tone of voice*.

Notwithstanding this disaster, the Lieutenant, being desirous of establishing an intercourse with the natives, ordered, on the following day, three boats to be manned with seamen and marines, and proceeded towards the shore, accompanied by Mr. Banks, Dr. Solander, the other gentlemen, and Tupia. About fifty of the inhabitants seemed to wait for their landing, having seated themselves upon the ground, on the opposite side of the river. This being regarded as a sign of fear, Mr. Cook, with only Mr. Banks, Dr. Solander, and Tupia, advanced towards them; but they had not gone many paces before all the Indians started up, and every man produced either a long pike, or a small weapon of green talk. Though Tupia called to them in the language of Otaheite, they only answered by flourishing their weapons, and

* Hawkesworth, ubi supra, p. 280—286.

CHAP. making signs for the gentlemen to depart. On a
II. musquet's being fired wide of them, they desisted
1769. from their threats ; and our Commander , who
had prudently retreated till the marines could be
landed , again advanced towards them , with
Mr. Banks, Dr. Solander, and Tupia, to whom
were now added Mr. Green and Mr. Monk-
house. Tupia was a second time directed to speak
to them, and it was perceived with great pleasure
that he was perfectly understood, his and their
language being the same, excepting only in
a diversity of dialect. He informed them
that our voyagers only wanted provision and
water, in exchange for iron, the properties of
which he explained as far as he was able.
Though the natives seemed willing to trade,
Tupia was sensible, during the course of his
conversation with them, that their intentions
were unfriendly ; and of this he repeatedly
warned the English gentlemen. At length,
twenty or thirty of the Indians were induced to
cross the river, upon which presents were made
them of iron and beads. On these they appear-
ed to set little value, and particularly on the
iron, not having the least conception of its use,
so that nothing was obtained in return excepting
a few feathers. Their arms, indeed, they offered
to exchange for those of our voyagers, and this
being refused, they made various attempts to
snatch them out of their hands. Tupia was now
instructed to acquaint the Indians, that our
gentlemen would be obliged to kill them, if

they proceeded to any farther violence; notwithstanding which, one of them, while Mr. Green happened to turn about, seized his hanger, and retired to a little distance, with a shout of exultation. The others, at the same time, began to be extremely insolent, and more of the natives were seen coming to join them from the opposite side of the river. It being, therefore, necessary to repress them, Mr. Banks fired, with small shot, at the distance of about fifteen yards, upon the man who had taken the hanger. Though he was struck, he did not return the hanger, but continued to wave it round his head, while he slowly made his retreat. Mr. Monkhouse then fired at him with ball, and he instantly dropped. So far, however, were the Indians from being sufficiently terrified, that the main body of them, who, upon the first discharge, had retired to a rock in the middle of the river, began to return, and it was with no small difficulty that Mr. Monkhouse secured the hanger. The whole number of them continuing to advance, three of the English party discharged their pieces at them, loaded only with small shot, upon which they swam back for the shore, and it appeared, upon their landing, that two or three of them were wounded. While they retired slowly up the country, Lieutenant Cook and his companions reembarked in their boats.

As the Lieutenant had unhappily experienced that nothing, at this place, could be done with these people, and found that the water in the

- CHAP. river was salt, he proceeded in the boats, round
II. the head of the bay, in search of fresh water.
1769. Beside this, he had formed a design of surprizing
some of the natives, and taking them on board,
that, by kind treatment and presents, he might
obtain their friendship, and render them the
instruments of establishing for him an amicable
intercourse with their countrymen. While, upon
account of a dangerous surf which every where
beat upon the shore, the boats were prevented
from landing, our Commander saw two canoes
coming in from the sea, one under sail, and the
other worked with paddles. This he thought to
be a favourable opportunity for executing his
purpose. Accordingly, the boats were disposed
in such a manner as appeared most likely to be
successful in intercepting the canoes. Notwith-
standing this, the Indians, in the canoe which was
paddled, exerted themselves with so much vigour,
at the first apprehension of danger, that they escap-
ed to the nearest land. The other canoe failed on
without discerning the English, till she was in
the midst of them; but no sooner had she discover-
ed them than the people on board struck their
sail, and plied their paddles so briskly as to outrun
the boat by which they were pursued. Being
within hearing, Tupia called to them to come
alongside, with assurances that they should not
in any degree be hurt or injured. They trusted,
however, more to their own paddles, than to
Tupia's promises, and continued to flee from
our navigators with all their power. Mr. Cook,

as the least exceptionable expedient of accomplishing his design, ordered a musquet to be fired over their heads. This, he hoped, would either make them surrender or leap into the water, but it produced a contrary effect. The Indians, who were seven in number, immediately formed a resolution not to fly, but to fight. When, therefore, the boat came up, they began the attack with their paddles, and with stones and other offensive weapons; and they carried it on with so much vigour and violence, that the English thought themselves obliged to fire upon them in their own defence; the consequence of which was, that four were unhappily killed. The other three, who were boys, the eldest about nineteen, and the youngest about eleven, instantly leaped into the water, and endeavoured to make their escape; but being with some difficulty overpowered by our people, they were brought into the boat *.

It is impossible to reflect upon this part of Lieutenant Cook's conduct with any degree of satisfaction. He, himself, upon a calm review, did not approve of it; and he was sensible that it would be censured by the feelings of every reader of humanity. It is probable that his mind was so far irritated by the disagreeable preceding events of this unfortunate day, and by the unexpected violence of the Indians in the canoe, as to lose somewhat of that self-possession by

* Hawkesworth, *ubi supra*, p. 286 — 290.

CHAP. II
1769. which his character in general was eminently distinguished. Candour, however, requires that I should relate what he hath offered in extenuation, not in defence, of the transaction; and this shall be done in his own words, as they are given us by Dr. Hawkeſworth. "These people
 " certainly did not deserve death for not chooſ-
 " ing to confide in my promiſes, or not conſent-
 " ing to come on board my boat, even if they
 " had apprehended no danger. But the nature
 " of my ſervice required me to obtain a
 " knowledge of their country, which I could
 " no otherwiſe effect than by forcing my way
 " into it in a hoſtile manner, or gaining admiſſion
 " through the confidence and good-will of the
 " people. I had already tried the power of
 " preſents without effect; and I was now
 " prompted, by my deſire to avoid farther
 " hoſtilities, to get ſome of them on board, as
 " the only method left of convincing them that
 " we intended them no harm, and had it in our
 " power to contribute to their gratification and
 " convenience. Thus far my intentions certainly
 " were not criminal; and though in the conteſt,
 " which I had not the leaſt reaſon to expect,
 " our victory might have been complete without
 " ſo great an expence of life; yet in ſuch ſitua-
 " tions, when the command to fire has been
 " given, no man can reſtrain its exceſs, or
 " preſcribe its effect *,"

* Hawkeſworth, ubi ſupra, p. 286 — 290.

Our voyagers were successful in conciliating the minds of the three boys, to which Tupia particularly contributed. When their fears were allayed, and their cheerfulness returned, they sang a song with a degree of taste that surprized the English gentlemen. The tune, like those of our psalms, was solemn and slow, containing many notes and semitones.

Some farther attempts were made to establish an intercourse with the natives, and Mr. Cook and his friends, on the tenth, went on shore for this purpose; but being unsuccessful in their endeavours, they resolved to re-embark, lest their stay should embroil them in another quarrel, and cost more of the Indians their lives. On the next day, the Lieutenant weighed anchor, and stood away from this unfortunate and inhospitable place. As it had not afforded a single article that was wanted, excepting wood, he gave it the name of POVERTY BAY. By the inhabitants it is called TAONEROA, or Long Sand *. I shall not regularly pursue the course of our Commander round New Zealand. In this course he spent nearly six months, and made large additions to the knowledge of navigation and geography. By making almost the whole circuit of New Zealand, he ascertained it to be two islands, with a strength of evidence which no prejudice

C H A P.

II.

1769.

10 Oa.

II.

* Hawkesworth, ubi supra, p. 290, 291, 293, 296. Taoneroa lies in latitude $38^{\circ} 42'$ south, and longitude $181^{\circ} 36'$ west.

CHAP. II. could gainsay or resist. He obtained, likewise, a full acquaintance with the inhabitants of the different parts of the country, with regard to whom it was clearly proved, that they are eaters of human flesh. Referring to the voyage at large for a more particular display of a great number of circumstances, I shall only select a few things which mark Mr. Cook's personal conduct, and relate to his intercourse with the natives.

1769.

The good usage the three boys had met with, and the friendly and generous manner in which they were dismissed to their own homes, had some effect in softening the dispositions of the neighbouring Indians. Several of them, who had come on board while the ship lay becalmed in the afternoon, manifested every sign of friendship, and cordially invited the English to go back to their old bay, or to a cove which was not quite so far off. But Lieutenant Cook chose rather to prosecute his discoveries, having reason to hope that he should find a better harbour than any he had yet seen.

While the ship was hauling round to the south end of a small island, which the Lieutenant had named Portland*, from its very great resemblance to Portland in the British Channel, she suddenly fell into shoal water and broken ground. The soundings were never twice the same, jumping at once from seven fathom to eleven. However,

* The natives call it THEAHOWRAY.

they were always seven fathom or more; and in a short time the Endeavour got clear of danger, and again sailed in deep water. While the ship was in apparent distress, the inhabitants of the island, who, in vast numbers, sat on its white cliffs, and could not avoid perceiving some appearance of confusion on board, and some irregularity in the working of the vessel, were desirous of taking advantage of her critical situation. Accordingly, five canoes, full of men, and well armed, were put off with the utmost expedition; and they came so near, and shewed so hostile a disposition, by shouting, brandishing their lances, and using threatening gestures, that the Lieutenant was in pain for his small boat, which was still employed in sounding. By a musquet, which he ordered to be fired over them, they were rather provoked than intimidated. The firing of a four-pounder, loaded with grape-shot, though purposely discharged wide of them, produced a better effect. Upon the report of the piece, the Indians all rose up and shouted; but, instead of continuing the chase, they collected themselves together, and, after a short consultation, went quietly away.

On the fourteenth of October, Lieutenant Cook having hoisted out his pinnace and long-boat to search for water, just as they were about to set off, several boats, full of the New Zealand people, were seen coming from the shore. After some time, five of these boats, having on board between eighty and ninety men, made towards the

C H A P. ship; and four more followed at no great distance,
II. as if to sustain the attack. When the first five
1769. had gotten within about a hundred yards of the
Endeavour, they began to sing their war song,
and, brandishing their pikes, prepared for an
engagement. As the Lieutenant was extremely
desirous of avoiding the unhappy necessity of
using fire-arms against the natives, Tupia was
ordered to acquaint them, that our voyagers had
weapons which, like thunder, would destroy
them in a moment; that they would immediately
convince them of their power by directing their
effect so that they should not be hurt; but that
if they persisted in any hostile attempt, they
would be exposed to the direct attack of these
formidable weapons. A four-pounder, loaded
with grape-shot, was then fired wide of them;
and this expedient was fortunately attended with
success. The report, the flash, and, above all,
the shot, which spread very far in the water,
terrified the Indians to such a degree, that they
began to paddle away with all their might. At
the instance, however, of Tupia, the people of
one of the boats were induced to lay aside their
arms, and to come under the stern of the En-
deavour; in consequence of which they received
a variety of presents.

15 0A.

On the next day a circumstance occurred,
which shewed how ready one of the inhabitants
of New Zealand was to take an advantage of our
navigators. In a large armed canoe, which came
boldly alongside of the ship, was a man who had

a black skin thrown over him, somewhat like that of a bear. Mr. Cook being desirous of knowing to what animal it originally belonged, offered the Indian for it a piece of red baize. With this bargain he seemed to be greatly pleased, immediately pulling off the skin, and holding it up in the boat. He would not, however, part with it till he had the cloth in his possession; and as there could be no transfer of property, if equal caution should be exercised on both sides, the Lieutenant ordered the baize to be delivered into his hands. Upon this, instead of sending up the skin, he began, with amazing coolness to pack up both that and the cloth, which he had received as the purchase of it, in a basket: nor did he pay the least regard to Mr. Cook's demand or remonstrances, but soon after put off from the English vessel. Our Commander was too generous to revenge this insult by any act of severity.

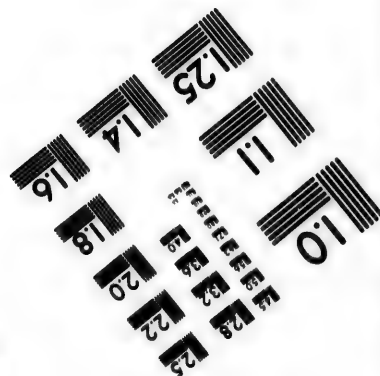
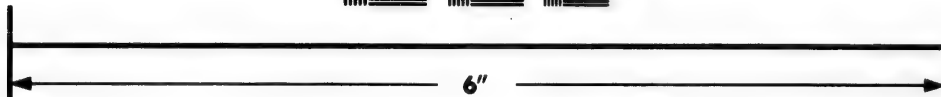
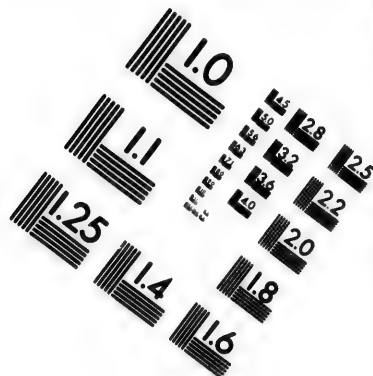
During the course of a traffic which was carrying on for some fish, little Tayeto, Tupia's boy, was placed among others over the ship's side, to hand up what was purchased. While he was thus employed, one of the New Zealanders, watching his opportunity suddenly seized him, and dragged him into a canoe. Two of the natives then held him down in the fore part of it, and the others, with great activity, paddled her off with all possible celerity. An action so violent rendered it indispensably necessary that the marines, who were in arms upon the deck, should be ordered to fire. Though the shot was directed

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C H A P. to that part of the canoe which was farthest from
 II. the boy, and somewhat wide of her, it being
 1769. thought preferable rather to miss the rowers than
 to run the hazard of hurting Tayeto, it happened
 that one man dropped. This occasioned the Indians
 to quit their hold of the youth, who instantly
 leaped into the water, and swam towards the
 ship. In the mean while, the largest of the canoes
 pulled round and followed him; and till some
 musquets and a great gun were fired at her, did
 not desist from the pursuit. The ship being
 brought to, a boat was lowered, and the poor
 boy was taken up unhurt. Some of the gentlemen,
 who with their glasses traced the canoes to shore,
 agreed in asserting, that they saw three men
 carried up the beach, who appeared to be either
 dead or wholly disabled by their wounds*.

1803. While, on the eighteenth, the Endeavour lay
 a-breast of a peninsula within Portland Island,
 called TERAKAKO, two of the natives, who were
 judged to be chiefs, placed an extraordinary
 degree of confidence in Mr. Cook. They were
 so well pleased with the kindness which had been
 shewn them in a visit to the ship, that they deter-

* Hawkesworth, ubi supra, p. 298 — 306. To the cape
 off which this unhappy transaction happened, Mr. Cook
 gave the name of CAPE KIDNAPPERS. It lies in latitude
 $39^{\circ} 43'$, and longitude, $182^{\circ} 24'$ west. Its distance from
 the Isle of Portland is thirteen leagues south west and west.
 Between them is the bay of which it is the south point,
 and which, in honour of Sir Edward Hawke, the Lieuten-
 ant called Hawke's Bay.

mined not to go on shore till the next morning. This was a circumstance by no means agreeable to the Lieutenant, and he remonstrated against it; but as they persisted in their resolution, he agreed to comply with it, provided their servants also were taken on board, and their canoe hoisted into the ship. The countenance of one of these two chiefs was the most open and ingenuous that our Commander had ever seen, so that he soon gave up every suspicion of his entertaining any sinister design. When the guests were put on shore the next morning, they expressed some surprize at seeing themselves so far from their habitations.

On Monday the twenty-third, while the ship was in Tegadoo Bay, Lieutenant Cook went on shore to examine the watering-place, and found every thing agreeable to his wishes. The boat landed in the cove, without the least surf; the water was excellent, and conveniently situated; there was plenty of wood close to the high water mark; and the disposition of the people was as favourable in all respects as could be desired*. Early the next morning, our Commander sent Lieutenant Gore to superintend the cutting of

C H A P.

II.

1769.

23 0a.

24.

* Mr. Cook, with Mr. Green, having taken several observations of the sun and moon, the mean result of them gave $180^{\circ} 47'$ west longitude; but, as all the observations made before exceeded these, the Lieutenant laid down the coast from the mean of the whole. At noon, this day, he took the sun's meridian altitude with an astronomical quadrant which was set up at the watering-place, and found the latitude to be $38^{\circ} 22' 24''$.

CHAP. wood and filling of water, with a sufficient number of men for both purposes, and all the marines as a guard. Soon after, he went on shore himself, and continued there during the whole day. Mr. Banks and Dr. Solander, who had landed on the same day, found in their walks several things worthy of notice. As they were advancing in one of the valleys, the hills on each side of which were very steep, they were suddenly struck with the sight of an extraordinary natural curiosity. "It was a rock, perforated through its whole substance, so as to form a rude but stupendous arch or cavern, opening directly to the sea. This aperture was seventy-five feet long, twenty-seven broad, and five-and-forty feet high, commanding a view of the bay and the hills on the other side, which were seen through it; and, opening at once upon the view, produced an effect far superior to any of the contrivances of art*.

23 OR. When, on the twenty-eighth, the gentlemen of the Endeavour went on shore upon an island which lies to the left hand of the entrance of Tolaga Bay, they saw there the largest canoe they had yet met with; her length being sixty-eight feet and a half, her breadth five feet, and her height three feet, six inches. In the same island was a larger house than any they had hitherto seen; but it was in an unfinished state, and full of chips†.

* Hawkesworth, ubi supra, p. 308, 309, 317, 318.

† Ibid. p. 118 — 120. Among other trifling curiosi-

While the ship was in Hicks's Bay, the inhabitants of the adjoining coast were found to be very hostile. This gave much uneasiness to our navigators, and was, indeed, contrary to their expectation; for they had hoped, that the report of their power and clemency had spread to a greater extent. At day-break, on the first of November, they counted no less than five-and-forty canoes that were coming from the shore towards the Endeavour; and these were followed by several more from another place. Some of the Indians traded fairly; but others of them took what was handed down to them without making any return, and added derision to fraud. The insolence of one of them was very remarkable. Some linen hanging over the ship's side to dry, this man, without any ceremony, untied it, and put it up in his bundle. Being immediately called to, and required to return it, instead of doing so, he let his canoe drop a-stern, and laughed at the English. A musquet which was fired over his head did not put a stop to his mirth. From a second musquet, which was loaded with small shot, he shrunk a little, when the shot struck him upon his back; but he regarded it no more than one of our men would have done the stroke of a rattan, and continued with great composure

ties, which Dr. Solander purchased of the Indians, was a boy's top, shaped exactly like those which children play with in England; and the natives shewed, by signs, that it was to be whipped in order to make it spin.

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G

C H A P.

II.

1769.

1 Nov.

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While

C H A P. to pack up the linen which he had stolen. All
II. the canoes now dropped a-stern, and set up their
1769. song of defiance, which lasted till they were at
about four hundred yards distance from the ship.
As they did not appear to have a design of attacking our voyagers, Lieutenant Cook was unwilling to do them any hurt; and yet he thought that their going off in a bravado might have a bad effect when it should be reported on shore. To convince them, therefore, that they were still in his power, though far beyond the reach of any missile weapon with which they were acquainted, he ordered a four-pounder to be fired in such a manner as to pass near them. As the shot happened to strike the water, and to rise several times at a great distance beyond the canoes, the Indians were so much terrified that, without once looking behind them, they paddled away as fast as they were able.

In standing westward from a small island called Mowtohora, the Endeavour suddenly shoaled her water from seventeen to ten fathom. As the Lieutenant knew that she was not far from some small islands and rocks which had been seen before it was dark, and which he had intended to have passed that evening, he thought it more prudent to tack, and to spend the night under Mowtohora, where he was certain that there was no danger. It was happy for himself and for all our voyagers that he formed this resolution. In the morning they discovered, a-head of them, several rocks, some of which were level

with the surface of the water, and some below it; and the striking against which could not in the hour of darkness have been avoided. In passing between these rocks and the main, the ship had only from ten to seven fathom water*.

While Mr. Cook was near an island which he called the MAYOR, the inhabitants of the neighbouring coast displayed many instances of hostility, and, in their traffic with our navigators, committed various acts of fraud and robbery. As the Lieutenant intended to continue in the place five or six days, in order to make an observation of the transit of Mercury, it was absolutely necessary, for the prevention of future mischief, to convince these people that the English were not to be ill-treated with impunity. Accordingly, some small shot were fired at a thief of uncommon insolence, and a musquet-ball was discharged through the bottom of his boat. Upon this it was paddled to about a hundred yards distance; and, to the surprize of Mr. Cook and his friends, the Indians in the other canoes took not the least notice of their wounded companion, though he bled very much, but returned to the ship, and continued to trade with the most perfect indifference and unconcern. For a considerable time they dealt fairly. At last, however, one of them thought fit to move off with two different pieces of cloth which had been given for the

C H A P.

II.

1769.

* Hawkefworth, ubi supra, p. 325 — 327.

CHAP. fame weapon. When he had gotten to such a
 II. distance that he thought himself secure of his
 1769. prizes, a musquet was fired after him, which
 fortunately struck the boat just at the water's
 edge, and made two holes in her side. This
 excited such an alarm, that not only the people
 who were shot at, but all the rest of the
 canoes, made off with the utmost expedition.
 As the last proof of superiority, our commander
 ordered a round shot to be fired over them,
 and not a boat stopped till they got to land.

5 NOV. After an early breakfast on the ninth of No-
 vember, Lieutenant Cook went on shore, with
 Mr. Green, and proper instruments, to observe
 the transit of Mercury. Mr. Banks and Dr. So-
 lander were of the party. The weather had for
 some time been very thick, with much rain;
 but this day proved so favourable, that not a
 cloud intervened during the whole transit. The
 observation of the ingress was made by Mr.
 Green alone, Mr. Cook being employed in
 taking the sun's altitude to ascertain the time*.

* The transit came on at 7h. 20' 58'' apparent time.
 According to Mr. Green's observation, the internal contact
 was at 12h. 8' 58'', the external at 12h. 9' 55'' P. M.
 According to Mr. Cook's, the internal contact was at 12h.
 8' 54'', and the external 12h. 9' 48''. The latitude of
 the place of observation was $36^{\circ} 48' 5''$. The latitude
 observed at noon was $36^{\circ} 48' 28''$. The mean of this
 and of an observation made the day before gave $36^{\circ} 48'$
 $28''$ south, the latitude of the place of observation. The
 variation of the compass was $11^{\circ} 9'$ east.

While the gentlemen were thus engaged on shore, they were alarmed by the firing of a great gun from the ship; and on their return received the following account of the transaction from Mr. Gore, the second Lieutenant, who had been left commanding officer on board. During the carrying on of a trade with some small canoes, two very large ones came up, full of men. In one of the canoes were forty-seven persons, all of whom were armed with pikes, stones, and darts, and assumed the appearance of a hostile intention. However, after a little time, they began to traffic, some of them offering their arms, and one of them a square piece of cloth, which makes a part of their dress, called a *Haahow*. Mr. Gore having agreed for it, sent down the price, which was a piece of British cloth, and expected his purchase. But as soon as the Indian had gotten Mr. Gore's cloth in his possession, he refused to part with his own, and put off his canoe. Upon being threatened for his fraud, he and his companions began to sing their war song in defiance, and shook their paddles. Though their insolence did not proceed to an attack, and only defied Mr. Gore to take any remedy in his power, he was so provoked, that he levelled a musquet

On the preceding day the Lieutenant had observed the sun's meridional zenith distance by an astronomical quadrant, which gave the latitude $36^{\circ} 47' 43''$ within the south entrance of Mercury Bay.

CHAP. loaded with ball at the offender, while he was
II. holding the cloth in his hand, and shot him
1769. dead. When the Indian fell, all the canoes put
off to some distance, but continued to keep
together in such a manner that it was apprehended
they might still meditate an attack. To secure,
therefore, a safe passage for the boat of the
Endeavour, which was wanted on shore, a
round shot was fired with so much effect over
their heads, as to make them all flee with the
utmost precipitation. It was matter of regret to
Lieutenant Cook that Mr. Gore had not, in the
case of the offending Indian, tried the experiment
of a few small shot, which had been successful
in former instances of robbery.

10 Nov. On Friday, the tenth, our Commander, ac-
companied by Mr. Banks and the other gentle-
men, went with two boats, to examine a large
river that empties itself into the head of Mercury
Bay. As the situation they were now in abounded
with conveniences, the Lieutenant has taken care
to point them out for the benefit of future navi-
gators. If any occasion should ever render it
necessary for a ship either to winter here, or to
stay for a considerable length of time, tents
might be built on a high point or peninsula in
this place, upon ground sufficiently spacious for
the purpose; and they might easily be made
impregnable to the whole force of the country.
Indeed, the most skillful engineer in Europe
could not choose a situation better adapted to
enable a small number to defend themselves

against a greater. Among other accommodations which the Endeavour's company met with in Mercury Bay, they derived an agreeable refreshment from some oyster beds, which they had fortunately discovered. The oysters, which were as good as ever came from Colchester, and about the same size, were so plentiful, that not the boat only, but the ship itself, might have been loaded in one tide *.

CHAP.
II.
1769.

On Wednesday, the fifteenth, Lieutenant Cook sailed out of MERCURY BAY. This name had been given to it on account of the observation which had there been made of the transit of that planet over the sun †. The river where oysters had been so plentifully found, he called OYSTER RIVER. There is another river, at the head of the bay, which is the best and safest place for a ship that wants to stay any length of time. From the number of mangroves about it, the Lieutenant named it MANGROVE RIVER. In several parts of Mercury Bay, our voyagers saw, thrown upon the shore, great quantities of iron sand, which is brought down by every little rivulet of fresh water that finds its way from the country. This is a demonstration that there is ore of that metal not far inland; and yet none of the inhabitants of New Zealand who had yet been seen knew the use of iron, or set

15 Nov.

* Hawkesworth, ubi supra, p. 331—341.

† Mercury Bay lies in latitude $36^{\circ} 47'$ south; and in the longitude of $184^{\circ} 4'$ west.

CHAP. upon it the least degree of value. They had all
II. of them preferred the most worthless and useless
1769. trifle, not only to a nail, but to any tool of
that metal. Before the Endeavour left the bay,
the ship's name and that of the Commander
were cut upon one of the trees near the watering
place, together with the date of the year and
month when our navigators were there. Besides
this, Mr. Cook, after displaying the English
colours, took formal possession of the place in
the name of his Britannic Majesty, King George
the Third*.

18 Nov. In the range from Mercury Bay, several
canoes, on the eighteenth, put off from different
places, and advanced towards the Endeavour.
When two of them, in which there might be
about sixty men, came within the reach of the
human voice, the Indians sung their war song;
but seeing that little notice was taken of them,
they threw a few stones at the English, and
then rowed off towards the shore. In a short
time, however, they returned, as if with a
fixed resolution to provoke our voyagers to a
battle, animating themselves by their song as
they had done before. Tupia, without any
directions from the gentlemen of the Endeavour,
began to expostulate with the natives, and told
them that our people had weapons which could
destroy them in a moment. Their answer to
this expostulation was, in their own language,

* Hawkesworth, ubi supra, p. 346—348.

* come on shore, and we will kill you all." CHAP.
 " Well, replied Tupia, but why should you II.
 " molest us while we are at sea? As we do 1769.
 " not wish to fight, we shall not accept your
 " challenge to come on shore; and here there
 " is no pretence for a quarrel, the sea being no
 " more your property than the ship." This
 eloquence, which greatly surprized Lieutenant
 Cook and his friends, as they had not suggested
 to Tupia any of the arguments he made use of,
 produced no effect upon the minds of the Indians,
 who soon renewed their attack. The oratory of
 a musquet, which was fired through one of their
 boats, quelled their courage, and sent them
 instantly away.

While our Commander was in the Bay of
 Islands, he had a favourable opportunity of
 examining the interior part of the country and
 its produce. At day break, therefore, on the
 twentieth of the month, he set out in the pinnace
 and long-boat, accompanied by Mr. Banks, Dr.
 Solander, and Tupia, and found the inlet at
 which they entered end in a river, about nine
 miles above the ship. Up this river, to which
 was given the name of the Thames, they pro-
 ceeded till near noon, when they were fourteen
 miles within its entrance. As the gentlemen then
 found the face of the country to continue nearly
 the same, without any alteration in the course
 of the stream, and had no hope of tracing it to
 its source, they landed on the west side, to take
 a view of the lofty trees which every where

20 Nov.

CHAP. adorned its banks. The trees were of a kind

II. which they had seen before, both in Poverty
1769. Bay and Hawke's Bay, though only at a distance. They had not walked a hundred yards into the woods, when they met with one of the trees, which, at the height of six feet above the ground, was nineteen feet eight inches in the girth. Lieutenant Cook, having a quadrant with him, measured its height from the root to the first branch, and found it to be eighty-nine feet. It was as strait as an arrow, and tapered but very little in proportion to its height; so that, in the Lieutenant's judgment, there must have been three hundred and fifty-six feet of solid timber in it, exclusive of the branches. As the party advanced, they saw many other trees, which were still larger. A young one they cut down, the wood of which was heavy and solid, not fit for masts, but such as would make the finest plank in the world. The carpenter of the ship, who was with the party, said that the timber resembled that of the pitch-pine, which is lightened by tapping. If it should appear that some such method would be successful in lightening these trees, they would then furnish masts superior to those of any country in Europe. As the wood was swampy, the gentlemen could not range far; but they found many stout trees of other kinds, with which they were totally unacquainted, and specimens of which they brought away.

2 Nov.

On the twenty-second, another instance occurred, in which the commanding officer les.

on board did not know how to exercise his power with the good sense and moderation of Mr. Cook. While some of the natives were in the ship below with Mr. Banks, a young man who was upon the deck stole a half-minute glass, and was detected just as he was carrying it off. Mr. Hicks, in his indignation against the offender, was pleased to order that he should be punished, by giving him twelve lashes with a cat-o-nine tails. When the other Indians who were on board saw him seized for this purpose, they attempted to rescue him; and being resisted, they called for their arms, which were handed from the canoes. At the same time, the people of one of the canoes attempted to come up the side of the Endeavour. The tumult having called up Mr. Banks and Tupia, the natives ran to the latter, and solicited his interposition. All, however, which he could do, as Mr. Hicks continued inexorable, was to assure them that nothing was intended against the life of their companion, and that it was necessary that he should suffer some punishment for his offence. With this explanation they appeared to be satisfied; and when the punishment had been inflicted, an old man among the spectators, who was supposed to be the criminal's father, gave him a severe beating, and sent him down into his canoe. Notwithstanding this, the Indians were far from being reconciled to the treatment which their countryman had received. Their cheerful confidence was

CHAP. gone; and though they promised, at their departure, to return with some fish, the English saw them no more *.

II.
1769.
29 Nov.

On the twenty-ninth of November, Lieutenant Cook, Mr. Banks, Dr. Solander, and others with them, were in a situation somewhat critical and alarming. Having landed upon an island in the neighbourhood of Cape Bret, they were in a few minutes surrounded by two or three hundred people. Though the Indians were all armed, they came on in so confused and straggling a manner, that it did not appear that any injury was intended by them; and the English gentlemen were determined that hostilities should not begin on their part. At first the natives continued quiet; but their weapons were held ready to strike, and they seemed to be rather irresolute than peaceable. While the Lieutenant and his friends remained in this state of suspense, another party of Indians came up; and the boldness of the whole body being increased by the augmentation of their numbers, they began the dance and song, which are their preludes to a battle. An attempt that was made by a number of them, to seize the two boats which had brought our voyagers to land, appeared to be the signal for a general attack. It now became necessary for Mr. Cook to exert himself with vigour. Accordingly, he discharged his musquet, which was

* Hawkesworth, ubi supra, 349 — 355.

loaded with small shot, at one of the forwardest of the assailants, and Mr. Banks and two of our men fired immediately afterwards. Though this made the natives fall back in some confusion, nevertheless, one of the chiefs, who was at the distance of about twenty yards, had the courage to rally them, and, calling loudly to his companions, led them on to the charge. Dr. Solander instantly discharged his piece at this champion, who, upon feeling the shot, stopped short, and then ran away with the rest of his countrymen. Still, however, they did not disperse, but got upon rising ground, and seemed only to want some leader of resolution to renew their assault. As they were now gotten beyond the reach of small shot, the English fired with ball, none of which taking place, the Indians continued together in a body. While our people were in this doubtful situation, which lasted about a quarter of an hour, the ship, from which a much greater number of natives were seen than could be discovered on shore, brought her broad-side to bear, and entirely dispersed them, by firing a few shot over their heads. In this skirmish, only two of them were hurt with the small shot, and not a single life was lost; a case which would not have happened if Lieutenant Cook had not restrained his men; who, either from fear or the love of mischief, shewed as much impatience to destroy the Indians as a sportsman to kill his game. Such was the difference between the disposition of the common seamen

C H A P.

II.

1769.

CHAP. and marines, and that of their humane and
II. judicious Commander*.

1769. On the same day Mr. Cook displayed a very exemplary act of discipline. Some of the ship's people, who, when the natives were to be punished for a fraud, assumed the inexorable justice of a Lycurgus, thought fit to break into one of their plantations, and to dig up a quantity of potatoes. For this the Lieutenant ordered each of them to receive twelve lashes, after which two of them were discharged. But the third, in a singular strain of morality, insisted upon it that it was no crime in an Englishman to plunder an Indian plantation. The method taken by our Commander to refute his casuistry, was to send him back to his confinement, and not to permit him to be released till he had been punished with six lashes more.

5 Dec. The Endeavour, on the fifth of December, was in the most imminent hazard of being wrecked. At four o'clock in the morning of that day, our voyagers weighed, with a light breeze; but it being variable with frequent calms, they made little way. From that time till the afternoon, they kept turning out of the bay, and about ten at night were suddenly becalmed, so that the ship could neither wear nor exactly keep her station. The tide or current setting strong, she drove toward land so fast, that before any measures could be taken for her security, she

* Hawkesworth, *ubi supra*, 361 — 365.

was within a cable's length of the breakers. CHAP.
 Though our people had thirteen fathom water, II.
 the ground was so foul, that they did not dare 1769.
 to drop their anchor. In this crisis, the pinnace
 being immediately hoisted out to take the ship
 in tow, and the men, sensible of their danger,
 exerting themselves to the utmost, a faint breeze
 sprang up off the land, and our navigators per-
 ceived with unspeakable joy that the vessel made
 headway. So near was she to the shore, that
 Tupia, who was ignorant of the hair's breadth
 escape the company had experienced, was at
 this very time conversing with the Indians upon
 the beach, whose voices were distinctly heard,
 notwithstanding the roar of the breakers. Mr.
 Cook and his friends now thought that all
 danger was over; but about an hour afterwards,
 just as the man in the chains had cried "seven-
 teen fathom," the ship struck. The shock
 threw them into the utmost consternation; and
 almost instantly the man in the chain cried out
 "five fathom." By this time, the rock on which
 the ship had struck being to the windward, she
 went off without having received the least da-
 mage; and the water very soon deepening to
 twenty fathom, she again failed in security.

The inhabitants in the Bay of Islands were
 found to be far more numerous than in any
 other part of New Zealand which Lieutenant
 Cook had hitherto visited. It did not appear
 that they were united under one head; and,

CHAP.

II.

1769

9th Dec.

though their towns were fortified, they seemed to live together in perfect amity.

The Endeavour, on the ninth of December, lying becalmed in DOUBTLESS BAY, an opportunity was taken to enquire of the natives concerning their country; and our navigators learned from them, by the help of Tupia, that at the distance of three days rowing in their canoes, at a place called MOORE-WHENNUA, the land would take a short turn to the southward, and thence extend no more to the west. This place the English gentlemen concluded to be the land discovered by Tasman, and which had been named by him CAPE MARIA VAN DIEMEN. The Lieutenant, finding the inhabitants so intelligent, enquired farther, if they knew of any country besides their own. To this they answered, that they had never visited any other; but that their ancestors had told them that there was a country of great extent, to the north-west by north, or north-north-west, called ULIMAROA, to which some people had sailed in a very large canoe; and that only a part of them had returned, who reported, that after a passage of a month, they had seen a country where the people eat hogs.

30.

On the thirtieth of December, our navigators saw the land, which they judged to be Cape Maria van Diemen, and which corresponded with the account that had been given of it by the Indians. The next day, from the appearance of Mount Camel, they had a demonstration that,

that, where they now were, the breadth of New Zealand could not be more than two or three miles from sea to sea. During this part of the navigation, two particulars occurred which are very remarkable. In latitude 35° south, and in the midst of summer, Lieutenant Cook met with a gale of wind, which, from its strength and continuance, was such as he had scarcely ever been in before; and he was three weeks in getting ten leagues to the westward, and five weeks in getting fifty leagues; for at this time, being the first of January, 1770, it was so long since he had passed Cape Bret. While the gale lasted, our voyagers were happily at a considerable distance from the land; since otherwise it was highly probable that they would never have returned to relate their adventures*.

The shore at Queen Charlotte's Sound, where the English had arrived on the fourteenth of January, seemed to form several bays, into one of which the Lieutenant proposed to carry the ship, which was now become very foul, in order to careen her, to repair some defects, and to obtain a recruit of wood and water. At day-break the next morning, he stood in for an inlet, and at eight got within the entrance. At nine o'clock, there being little wind, and what there was being variable, the Endeavour was

* Hawkesworth, ubi supra, p. 366, 368, 369, 370, 372, 378, 379.

C H A P. carried by the tide or current within two cables'

II. length of the north-west shore, where she had

1770. fifty-four fathom water. By the help of the boats she was gotten clear; and about two our people anchored in a very safe and convenient cove. Soon after, Mr. Cook, with most of the gentlemen, landed upon the coast, where they found a fine stream of excellent water, and wood in the greatest plenty. Indeed the land, in this part of the country, was one forest, of vast extent. As the gentlemen had brought the seine with them, it was hauled once or twice; and with such success, that different sorts of fish were caught, amounting nearly to three hundred weight. The equal distribution of these among the ship's company, furnished them with a very agreeable refreshment.

When Lieutenant Cook, Mr. Banks, Dr.
16 January. Solander, Tupia, and some others, landed on the sixteenth, they met with an Indian family, among whom they found horrid and indisputable proofs of the custom of eating human flesh. Not to resume so disagreeable a subject, it may here be observed once for all, that evidences of the same custom appeared on various occasions.

17. On the next day a delightful object engaged the attention of our voyagers. The ship lying at the distance of somewhat less than a quarter of a mile from the shore, they were awakened by the singing of an incredible number of birds, who seemed to strain their throats in emulation of each other. This wild melody was infinitely

superior to any they had ever heard of the same kind, and seemed to be like small bells, most exquisitely tuned. It is probable that the distance, and the water between, might be of no small advantage to the sound. Upon enquiry, the gentlemen were informed that the birds here always began to sing about two hours after midnight; and that, continuing their music till sun-rise, they were silent the rest of the day. In this last respect, they resemble the nightingales of our own country.

C H A P.

II.

1770.

On the eighteenth, Lieutenant Cook went out in the pinnace to take a view of the bay in which the ship was now at anchor; and found it to be of great extent, consisting of numberless small harbours and coves, in every direction. The Lieutenant confined his excursion to the western side, and the coast where he landed being an impenetrable forest, nothing could be seen worthy of notice. As our Commander and his friends were returning, they saw a single man in a canoe fishing: rowing up to him, to their great surprize he took not the least notice of them; and even when they were alongside of him, continued to follow his occupation, without adverting to them any more than if they had been invisible. This behaviour was not, however, the result either of fullness or stupidity; for upon being requested to draw up his net, that it might be examined, he readily complied. He shewed, likewise, to our people

18. Jan.

CHAP. his mode of fishing, which was simple and
II. ingenious.

1770 When, on the nineteenth, the armourer's
19 January. forge was set up, and all hands on board were
busy in careening, and in other necessary operations about the vessel, some Indians, who had brought plenty of fish, exchanged them for nails, of which they had now begun to perceive the use and value. This may be considered as one instance in which they were enlightened and benefited by their intercourse with our navigators.

22. While, on the twenty-second, Mr. Banks and Dr. Solander employed themselves in botanizing near the beach, our Commander, taking a seaman with him, ascended one of the hills of the country. Upon reaching its summit, he found the view of the inlet, the head of which he had a little before in vain attempted to discover in the pinnace, intercepted by hills still higher than that on which he stood, and which were rendered inaccessible by impenetrable woods. He was, however, amply rewarded for his labour; for he saw the sea on the eastern side of the country, and a passage leading from it to that on the west, a little to the eastward of the entrance of the inlet where the ship lay. The main land, which was on the south-east side of this inlet, appeared to be a narrow ridge of very high hills, and to form part of the south-west side of the strait. On the opposite side, the land trended away east as far as the eye could

reach; and to the south-east there was discerned an opening to the sea, which washed the eastern coast. The Lieutenant saw, also, on the east side of the inlet, some islands which he had before taken to be part of the main land. In returning to the ship, he examined the harbours and coves that lie behind the islands which he had seen from the hills. The next day was employed by him in farther surveys and discoveries.

CHAP.

II.

1770.

23 January.

26

During a visit to the Indians, on the twenty-fourth, Tupia being of the party, they were observed to be continually talking of guns and shooting people. For this subject of their conversation, the English gentlemen could not at all account. But, after perplexing themselves with various conjectures, they at length learned, that, on the twenty-first, one of our officers, under the pretence of going out to fish, had rowed up to a hippah, or village, on the coast. When he had done so, two or three canoes coming off towards his boat, his fears suggested that an attack was intended; in consequence of which three musquets were fired, one with small shot, and two with ball, at the Indians, who retired with the utmost precipitation. It is highly probable that they had come out with friendly intentions; for such intentions were expressed by their behaviour, both before and afterwards. This action of the officer exhibited a fresh instance how little some of the people under Lieutenant Cook had imbibed of

CHAP. the wife, discreet, and humane spirit of their
II. Commander.

1770. On the morning of the twenty-sixth, the Lieu-
26 Jan. tenant went again out in the boat, with Mr. Banks and Dr. Solander, and entered one of the bays, which lie on the east side of the inlet, in order to obtain another sight of the streight which passed between the eastern and western seas. Having landed, for this purpose, at a convenient place, they climbed a hill of very considerable height, from which they had a full view of the streight, with the land on the opposite shore, which they judged to be about four leagues distant. As it was hazy in the horizon, they could not see far to the south-east; but Mr. Cook saw enough to determine him to search the passage with the ship, as soon as he should put to sea. The gentlemen found, on the top of the hill, a parcel of loose stones, with which they erected a pyramid, and left in it some musquet balls, small shot, beads, and such other things, which they happened to have about them, as were likely to stand the test of time. These, not being of Indian workmanship, would convince any European who should come to the place and pull it down, that natives of Europe had been there before. After this, the Lieutenant and his friends went to a town of which the Indians had informed them, and which, like one they had already seen, was built upon a small island or rock, so difficult of access, that they gratified their curiosity at the risk of their lives. Here,

as had been the case in former visits to the inhabitants of that part of the country near which the ship now lay, they were received with open arms, carried through the whole of the place, and shewn all that it contained. The town consisted of between eighty and a hundred houses, and had only one fighting-stage. Mr. Cook, Mr. Banks, and Dr. Solander, happened to have with them a few nails and ribbands, and some paper, with which the people were so highly gratified, that when the gentlemen went away, they filled the English boat with dried fish, of which it appeared that they had laid up large quantities.

A report was spread that one of the men that had been so rashly fired upon by the officer who had visited the hippah, under the pretence of fishing, was dead of his wounds. But, on the twenty-ninth, the Lieutenant had the great consolation of discovering that this report was groundless. On the same day he went again on shore upon the western point of the inlet, and, from a hill of considerable height, had a view of the coast to the northwest. The farthest land he could see in that quarter, was an island at the distance of about ten leagues, lying not far from the main. Between this island and the place where he stood, he discovered, close under the shore, several other islands, forming many bays, in which there appeared to be good anchorage for shipping. After he had set off the different points for his survey, he erected another pile of stones, in which he

C H A P.

II.

1770.

29 January.

CHAP. left a piece of silver coin, with some musket-balls
II. and beads, and a fragment of an old pendant
1770. flying at the top.

30 Jan.

On the thirtieth of January, the ceremony was performed of giving name to the inlet where our voyagers now lay, and of erecting a memorial of the visit which they had made to this place. The carpenter having prepared two posts for the purpose, our Commander ordered them to be inscribed with the ship's name, and the dates of the year and the month. One of these he set up at the watering-place, hoisting the union-flag upon the top of it; and the other he carried over to the island that lies nearest the sea, and which is called by the natives MOTUARA. He went first, accompanied by Mr. Monkhouse and Tupia, to the neighbouring village or hippah, where he met with an old man, who had maintained a friendly intercourse with the English. To this old man, and several Indians besides, the Lieutenant, by means of Tupia, explained his design, which he informed them was to erect a mark upon the island, in order to shew to any other ship which should happen to come thither, that our navigators had been there before. To this the inhabitants readily consented, and promised that they would never pull it down. He then gave something to every one present, and to the old man a silver threepence, and some spike-nails, with the king's broad arrow cut deep upon them. These were things which Mr. Cook thought were the most likely to be long preserved. After this he con-

veyed the post to the highest part of the island; and, having fixed it firmly in the ground, hoisted upon it the union-flag, and honoured the inlet with the name of QUEEN CHARLOTTE'S SOUND. At the same time, he took formal possession of this and the adjacent country, in the name and for the use of his Majesty King George the Third. The ceremony was concluded by the gentlemen's drinking a bottle of wine to her Majesty's health; and the bottle being given to the old man who had attended them up the hill, he was highly delighted with his present*.

A philosopher, perhaps, might enquire, on what ground Lieutenant Cook could take formal possession of this part of New Zealand, in the name and *for the use* of the king of Great Britain, when the country was already inhabited, and of course belonged to those by whom it was occupied, and whose ancestors might have resided in it for many preceding ages. To this the best answer seems to be, that the Lieutenant, in the ceremony performed by him, had no reference to the original inhabitants, or any intention to deprive them of their natural rights, but only to preclude the claims of future European navigators, who, under the auspices, and for the benefit of, their respective states or kingdoms, might form pretensions to which they were not entitled by prior discovery.

* Hawkesworth, ubi supra, p. 385 — 400.

C H A P.

II.

1770.

C H A P.

II.

1770.

31 Jan.

On the thirty-first, our voyagers having completed their wooding, and filled their water-casks, Mr. Cook sent out two parties, one to cut and make brooms, and another to catch fish. In the evening there was a strong gale from the north-west, with such a heavy rain that the little wild musicians on shore suspended their song, which till now had been constantly heard during the night, with a pleasure that it was impossible to lose without regret. The gale, on the first of February, encreased to a storm, with heavy gusts from the high land, one of which broke the hawser that had been fastened to the shore, and induced the necessity of letting go another anchor. Though, towards midnight, the gale became more moderate, the rain continued with so much violence that the brook which supplied the ship with water overflowed its banks; in consequence of which ten small casks, that had been filled the day before, were carried away, and, notwithstanding the most diligent search for them, could not be recovered.

1 Feb.

5.

The Endeavour, on Monday the fifth, got under sail; but the wind soon failing, our Commander was obliged again to come to an anchor, a little above Motuara. As he was desirous of making still farther enquiries whether any memory of Taiman had been preserved in New Zealand, he directed Tupia to ask of the old man before mentioned, who had come on board to take his leave of the English gentlemen, whether he had ever heard that such a vessel as theirs had before

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visited the country. To this he replied in the negative; but said that his ancestors had told him that there once had arrived a small vessel from a distant land, called *ULIMAROA*, in which were four men, who upon their reaching the shore were all killed. On being asked where this country lay, he pointed to the northward. Of *Ulimaroa* Lieutenant Cook had heard something before, from the people about the Bay of Islands, who said that it had been visited by their ancestors. *Tupia* had also some confused traditionary notions concerning it; but no certain conclusion could be drawn either from his account or that of the old Indian.

Soon after the ship came to anchor the second time, Mr. Banks and Dr. Solander, who had gone on shore to see if any gleanings of natural knowledge remained, fell in, by accident, with the most agreeable Indian family they had yet seen, and which afforded them a better opportunity of remarking the personal subordination among the natives than had before offered. The whole behaviour of this family was affable, obliging, and unsuspicious. It was matter of sincere regret to the two gentlemen that they had not sooner met with these people, as a better acquaintance with the manners and disposition of the inhabitants of the country might hence have been obtained in a day, than had been acquired during the whole stay of the English upon the coast.

When, on the sixth of February, Lieutenant Cook had gotten out of the sound, he stood over

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to the eastward, in order to get the streight well open before the tide of ebb approached. At seven in the evening, two small islands which lie off Cape Koamaroo, at the south-east head of Queen Charlotte's Sound, bore east, at the distance of about four miles. It was nearly calm, and the tide of ebb setting out, the Endeavour, in a very short time, was carried by the rapidity of the stream close upon one of the islands, which was a rock rising almost perpendicularly out of the sea. The danger encreased every moment, and there was but one expedient to prevent the ship's being dashed to pieces, the success of which a few moments would determine. She was now within little more than a cable's length of the rock, and had above seventy-five fathom water. But, upon dropping an anchor, and veering about one hundred and fifty fathom of cable, she was happily brought up. This, however, would not have saved our navigators, if the tide, which set south by east, had not, upon meeting with the island, changed its direction to south-east, and carried them beyond the first point. In this situation they were not above two cables' length from the rocks; and here they remained in the strength of the tide, which set to the south-east after the rate of at least five miles an hour, from a little after seven till midnight, when the tide abated, and the vessel began to heave. By three in the morning, a light breeze at north-west having sprung up, our voyagers sailed for the eastern shore; though they made but little way, in con-

sequence of the tide being against them. The wind however, having afterwards freshened, and come to north and north-east, with this, and the tide of ebb, they were in a short time hurried through the narrowest part of the streight, and then stood away for the southermost land they had in prospect. There appeared over this land a mountain of stupendous height, which was covered with snow. The narrowest part of the streight, through which the Endeavour had been driven with such rapidity, lies between Cape Tierawitte, on the coast of Eaheinomauwe, and Cape Koamaroo; the distance between which our Commander judged to be four or five leagues. Notwithstanding the difficulties arising from this tide, now its strength is known, the streight may be passed without danger.

Some of the officers started a notion that Eaheinomauwe was not an island, and that the land might stretch away to the south-east, from between Cape Turnagain and Cape Palliser, there being a space of between twelve and fifteen leagues which had not yet been seen. Though Lieutenant Cook, from what he had observed the first time he discovered the streight, and from many other concurrent circumstances, had the strongest conviction that they were mistaken, he, nevertheless, resolved to leave no possibility of doubt with respect to an object of so much importance. For this purpose he gave such a direction to the navigation of the ship as would most effectually tend to determine the matter. After a

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II. deck, and asked them, whether they were not
1770. now satisfied that Eaheinomauwe was an island.
To this question they readily answered in the
affirmative; and all doubts being removed, the
Lieutenant proceeded to farther researches*.

During Mr. Cook's long and minute examination of the coast of New Zealand, he gave names to the bays, capes, promontories, islands and rivers, and other places which were seen or visited by him; excepting in those cases where their original appellations were learned from the natives. The names he fixed upon were either derived from certain characteristic or adventitious circumstances, or were conferred in honour of his friends and acquaintance, chiefly those of the naval line. Such of the readers of the present work as desire to be particularly informed concerning them, will naturally have recourse to the history of the voyage at large, or, at least, to the indications of them in the several maps on which they are described.

The ascertaining of New Zealand to be an island did not conclude Lieutenant Cook's examination of the nature, situation, and extent of the country. After this, he completed his circum-navigation, by ranging from Cape Turnagain southward along the eastern coast of Poenammoo, round Cape South, and back to the western entrance of the streight he had passed, and

* Hawkesworth, *ubi supra*, p. 401 — 410.

which was very properly named Cook's Streight. This range, which commenced on the ninth of February, I shall not minutely and regularly pursue; but content myself, as in the former course, with mentioning such circumstances as are more directly adapted to my immediate design.

In the afternoon of the fourteenth, when Mr. Banks was out in the boat a-shooting, our voyagers saw, with their glasses, four double canoes put off from the shore towards him, having on board fifty-seven men. The Lieutenant, being alarmed for the safety of his friend, immediately ordered signals to be made for his return; but he was prevented from seeing them by the situation of the sun with regard to the ship. However, it was soon with pleasure observed that his boat was in motion; and he was taken on board before the Indians, who perhaps had not discerned him, came up. Their attention seemed to be wholly fixed upon the ship. They came within about a stone's cast of her, and then stopped, gazing at the English with a look of vacant astonishment. Tupia in vain exerted his eloquence to prevail upon them to make a nearer approach. After surveying our navigators some time, they left them, and made towards the shore. The gentlemen could not help remarking, on this occasion, the different dispositions and behaviour of the different inhabitants of the country, at the first sight of the Endeavour. The people now seen kept aloof with a mixture of timidity and wonder; others had immediately commenced

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C H A P. II. 1770. hostilities; the man who was found fishing alone in his canoe appeared to regard our voyagers as totally unworthy of notice; and some had come on board almost without invitation, and with an air of perfect confidence and good-will. From the conduct of the last visitors, Lieutenant Cook gave the land from which they had put off, and which had the appearance of an island, the name of LOOKERS-ON.

When an island, which lies about five leagues from the coast of Tovy-Poenammoo, and which was named Banks's Island, was first discovered in the direction of south by west some persons on board were of opinion that they saw land bearing south-south-east, and south-east by east. Our Commander, who was himself upon the deck at the time, told them, that in his judgment it was no more than a cloud, which as the sun rose would dissipate and vanish. Being however determined to leave no subject for disputation which experiment could remove, he ordered the ship to steer in the direction which the supposed country was said to bear. Having gone in this direction eight-and-twenty miles, without discovering any signs of land, the endeavour resumed her intended course to the southward, it being the particular view of the Lieutenant to ascertain whether Poenammoo was an island or a continent*.

* Hawkesworth, ubi supra, vol. ii. p. 413, 414, 415, 416—419.

In passing some rocks on the ninth of March, in the night, it appeared in the morning that the ship had been in the most imminent danger. Her escape was indeed critical in the highest degree. To these rocks, therefore, which, from their situation, are so well adapted to catch unwary strangers, Mr. Cook gave the name of the TRAPS. On the same day he reached a point of land which he called the SOUTH CAPE, and which he supposed, as proved in fact to be the case, the southern extremity of the country †.

In sailing, on Wednesday the fourteenth, the Endeavour passed a small narrow opening in the land, where there seemed to be a very safe and convenient harbour, formed by an island, which lay eastward in the middle of the opening. On the land behind the opening are mountains, the summits of which were covered with snow, that appeared to have recently fallen. Indeed our voyagers, for two days past, had found the weather extremely cold. On each side the entrance of the opening, the land rises almost perpendicularly from the sea to a stupendous height. For this reason Lieutenant Cook did not choose to carry the ship into the harbour. He was sensible that no wind could blow there but right in or right out; and he did not think it by any means advisable to put into a place whence he could not have gotten but with a wind which experience had taught him did not

† South Cape lies in latitude $47^{\circ} 19'$ south, and in longitude $192^{\circ} 12'$ west.

C H A P. II. 1770. blow more than one day in a month. Sagacious as this determination of our Commander was, it did not give universal satisfaction. He acted in it contrary to the opinion of some persons on board, who expressed in strong terms their desire of coming to harbour; not sufficiently considering, that present convenience ought not to be purchased at the expence of incurring great future disadvantages *.

March. By the twenty-seventh of March, Mr. Cook had circumnavigated the whole country of Tovy-Poenammoo, and arrived within sight of the island formerly mentioned, which lies at the distance of nine leagues from the entrance of Queen Charlotte's Sound. Having at this time thirty tons of empty water-casks on board, it was necessary to fill them before he finally proceeded on his voyage. For this purpose he hauled round the island, and entered a bay, situated between that and Queen Charlotte's Sound, and to which the name was given of ADMIRALTY BAY.

30. The business of wooding and watering having been completed on the thirtieth, and the ship being ready for the sea the point now to be determined was, what route should be pursued in returning home that would be of most advantage to the public service. Upon this subject the Lieutenant thought proper to take the opinion of his officers. He had himself a strong desire to return by Cape Horn, because that would have enabled

* Hawkesworth, ubi supra, p. 422, 425, 426.

him to determine, whether there is or is not a southern continent. But against this scheme it was a sufficient objection, that our navigators must have kept in a high southern latitude, in the very depth of winter, and in a vessel which was not thought to be in a condition fit for the undertaking. The same reason was urged, with still greater force, against their proceeding directly for the Cape of Good Hope, because no discovery of moment could be expected in that route. It was, therefore, resolved that they should return by the East Indies; and that with this view they should steer westward, till they should fall in with the east coast of New Holland, and then follow the direction of that coast to the northward, till they should arrive at its northern extremity. If that should be found impracticable, it was farther resolved that they should endeavour to fall in with the land, or islands, said to have been discovered by Quiros *.

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In the six months which Lieutenant Cook had spent in the examination of New Zealand, he made very large additions to the knowledge of geography and navigation. That country was first discovered in the year 1642, by Abel Jansen Tasman, a Dutch navigator. He traversed the eastern coast from latitude $34^{\circ} 43'$, and entered the streight now called Cook's Streight; but being attacked by the natives soon after he came to an anchor, in the place which he named

* Hawkesworth, ubi supra, p. 431—433.

C H A P. Murderer's Bay, he never went on shore. Nevertheless, he assumed a kind of claim to the country, II. by calling it STAATEN LAND, or the Land of the 1770. States, in honour of the States-General. It is now usually distinguished in maps and charts by the name of NEW ZEALAND. The whole of the country, excepting that part of the coast which was seen by Tasman from on board his ship, continued from his time, to the voyage of the Endeavour, altogether unknown. By many persons it has been supposed to constitute a part of a southern continent; but it was now ascertained by Mr. Cook to consist of two large islands, divided from each other by a strait or passage, which is about four or five leagues broad. These islands are situated between the latitudes of 34° and 48° south, and between the longitudes of 181° and 194° west; a matter which Mr. Green determined with uncommon exactness from innumerable observations of the sun and moon, and one of the transits of Mercury. The northermost of these islands is called by the natives Eaheino-mauwe, and the southermost Tovy, or Tavai Poenammoo. It is not, however, certain, whether the whole southern island or only part of it, is comprehended under the latter name.

Tovy Poenammoo is principally a mountainous and to all appearance a barren country. The only inhabitants and signs of inhabitants, that were discovered upon all the island, were the people whom our voyagers saw in Queen Charlotte's Sound, some that came off to them

under the snowy mountains, and several fires which were discerned to the west of Cape Saunders. Eaheinomauwe has a much better appearance. Though it is not only hilly but mountainous, even the hills and mountains are covered with wood, and every valley has a rivulet of water. The soil in these vallies, and in the plains, many of which are not overgrown with wood, is in general light, but fertile. It was the opinion of Mr. Banks and Dr. Solander, as well as of the other gentlemen on board, that all kinds of European grain, plants, and fruit, would flourish here in the utmost luxuriance. There is reason to conclude, from the vegetables which our navigators found in Eaheinomauwe, that the winters are milder than those in England; and the summer was experienced not to be hotter, though it was more equally warm. If this country, therefore, should be settled by people from Europe, they might, with a little industry very soon be supplied, in great abundance, not merely with the necessaries, but even with the luxuries of life.

In Eaheinomauwe there are no quadrupeds but dogs and rats. At least, no other were seen by our voyagers; and the rats are so scarce, that they wholly escaped the notice of many on board. Of birds the species are not numerous; and of these no one kind, excepting perhaps the gannet, is exactly the same with those of Europe. Insects are not in greater plenty than birds. The sea makes abundant recompense for this

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scarcity of animals upon the land. Every creek swarms with fish, which are not only wholesome, but equally delicious with those in our part of the world. The Endeavour seldom anchored in any station, or with a light gale passed any place, that did not afford enough, with hook and line, to serve the whole ship's company. If the seine was made use of, it seldom failed of producing a still more ample supply. The highest luxury of this kind, with which the English were gratified, was the lobster, or sea cray-fish. Among the vegetable productions of the country, the trees claim a principal place; there being forests of vast extent, full of the straightest, the cleanest, and the largest timber Mr. Cook and his friends had ever seen. Mr. Banks and Dr. Solander were gratified by the novelty, if not by the variety, of the plants. Out of about four hundred species, there were not many which had hitherto been described by botanists. There is one plant that serves the natives instead of hemp and flax, and which excels all that are applied to the same purposes in other countries.

If the settling of New Zealand should ever be deemed an object deserving the attention of Great Britain, our Commander thought that the best place for establishing a colony would either be on the banks of the Thames, or in the territory adjoining to the Bay of Islands. Each of these places possesses the advantage of an excellent harbour. By means of the river, settlements might be extended, and a communication established with the inland

parts of the country. Vessels might, likewise, be built of the fine timber which is every where to be met with, at very little trouble and expence*.

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But I am in danger of forgetting myself, and of running into a detail which may be thought rather to exceed the intentions of the present narrative. It is difficult to restrain the pen, when such a variety of curious and entertaining matter lies before it; and I must entreat the indulgence of my readers while I mention two or three farther particulars. One circumstance peculiarly worthy of notice, is the perfect and uninterrupted health of the inhabitants of New Zealand. In all the visits made to their towns, where old and young, men and women, crowded about our voyagers, they never observed a single person who appeared to have any bodily complaint, nor among the numbers that were seen naked, was once perceived the slightest eruption upon the skin, or the least mark which indicated that such an eruption had formerly existed. Another proof of the health of these people is the facility with which the wounds they at any time receive are healed. In the man who had been shot with a musquet-ball through the fleshy part of his arm, the wound seemed to be so well digested, and in so fair a way of being perfectly healed, that if Mr. Cook had not known that no application had been made to it, he declared that he should cer-

* Hawkesworth, ubi supra, p. 435 — 444.

CHAP. II. 1770. tainly have enquired, with a very interested curiosity, after the vulnerary herbs and surgical art of the country. An additional evidence of human nature's being untainted with disease in New Zealand, is the great number of old men with whom it abounds. Many of them, by the loss of their hair and teeth, appeared to be very ancient, and yet none of them were decrepid. Although they were not equal to the young in muscular strength, they did not come in the least behind them with regard to chearfulness and vivacity. Water, as far as our navigators could discover, is the universal and only liquor of the New Zealanders *. It is greatly to be wished, that their happiness in this respect may never be destroyed by such a connection with the European nations, as shall introduce that fondness for spiritous liquors which hath been so fatal to the Indians of North America.

From the observations which Lieutenant Cook and his friends made on the people of New Zealand, and from the similitude which was discerned between them and the inhabitants of the South Sea Islands, a strong proof arose that both of them had one common origin; and this proof was rendered indubitable by the conformity of their language. When Tupia addressed himself to the natives of Eaheinomauwe and Poenammoo, he was perfectly understood. Indeed, it did not appear that the language of Otahe:

* Hawkesworth, ubi supra, p. 460 461.

differed more from that of New Zealand, than the language of the two islands, into which it is divided, did from each other *.

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Hitherto the navigation of Lieutenant Cook had been unfavourable to the notion of a southern continent; having swept away at least three-fourths of the positions upon which that notion had been founded. The track of the Endeavour had demonstrated that the land seen by Tasman, Juan Fernandes, Hermite, the commander of a Dutch squadron, Quiros, and Roggewein, was not, as they had supposed, part of such a continent. It had also totally destroyed the theoretical arguments in favour of a southern continent, which had been drawn from the necessity of it to preserve an equilibrium between the two hemispheres. As, however, Mr. Cook's discoveries, so far as he had already proceeded, extended only to the northward of forty degrees, south latitude, he could not, therefore, give an opinion concerning what land might lie farther to the southward. This was a matter, therefore, which he earnestly wished to be examined †; and to him was, at length, reserved the honour, as we shall hereafter see, of putting a final end to the question.

On Saturday the thirty-first of March, our Commander failed from Cape Farewell in New

31 March.

* Hawkesworth, ubi supra, p. 473 — 476.

† Ibid. p. 477 — 479.

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Zealand * and pursued his voyage to the westward. New Holland, or as it is now called, New South Wales, came in sight on the nineteenth of April; and on the twenty-eighth of that month the ship anchored in BOTANY BAY. On the preceding day, in consequence of its falling calm when the vessel was not more than a mile and a half from the shore, and within some breakers, our navigators had been in a very disagreeable situation; but happily a light breeze had sprung from the land, and carried them out of danger.

In the afternoon the boats were manned; and Lieutenant Cook and his friends, having Tupia of their party, set out from the Endeavour. They intended to land where they had seen some Indians, and began to hope, that as these Indians had paid no regard to the ship when she came into the bay, they would be as inattentive to the advances of the English towards the shore. In this, however, the gentlemen were disappointed; for as soon as they approached the rocks, two of the men came down upon them to dispute their landing, and the rest ran away. These champions, who were armed with lances about ten feet long, called to our navigators in a very loud tone, and in a harsh dissonant language, of which even Tupia did not understand a single word. At the same time, they

* Cape Farewell lies in latitude $40^{\circ} 33'$ south, and longitude 186° west.

brandished their weapons, and seemed resolved to defend their coast to the utmost, though they were but two to forty. The Lieutenant, who could not but admire their courage, and who was unwilling that hostilities should commence with such inequality of force on their side, ordered his boat to lie upon her oars. He and the other gentlemen then parlied with them by signs; and, to obtain their good-will, he threw them nails, beads, and several trifles besides, with which they appeared to be well pleased. After this our Commander endeavoured to make them understand that he wanted water, and attempted to convince them, by all the methods in his power, that he had no injurious design against them. Being willing to interpret the waving of their hands as an invitation to proceed, the boat put in to the shore; but no sooner was this perceived, than it was opposed by the two Indians, one of whom seemed to be a youth about nineteen or twenty years old, and the other a man of middle age. The only resource now left for Mr. Cook was to fire a musquet between them, which being done, the youngest of them dropped a bundle of lances on the rock, but recollecting himself in an instant, he snatched them up again in great haste. A stone was then thrown at the English, upon which the Lieutenant ordered a musquet to be fired with small-shot. This struck the eldest upon the legs, and he immediately ran to one of the houses, which was at about a hundred yards distance. Mr.

CHAP. Cook, who now hoped that the contest was
 II. over, instantly landed with his party; but they
 1770. had scarcely quitted the boat when the Indian
 returned, having only left the rock to fetch a
 shield or target for his defence. As soon as he
 came up, he and his comrade threw each of
 them a lance in the midst of our people, but
 happily without hurting a single person. At the
 firing of a third musquet, one of the two men
 darted another lance, and then both of them ran
 away. After this the gentlemen repaired to the
 huts, and threw into the house where the chil-
 dren were, some beads, ribbons, pieces of cloth,
 and other presents. These they hoped would
 procure them the good will of the inhabitants.
 When, however, the Lieutenant and his com-
 panions returned the next day, they had the
 mortification of finding that the beads and
 ribbons which they had left the night before,
 had not been removed from their places, and
 that not an Indian was to be seen*.

30 April.

Several of the natives of the country came in
 fight on the thirtieth, but they could not be
 engaged to begin an intercourse with our people.
 They approached within a certain distance of
 them, and after shouting several times went back
 into the woods. Having done this once more,
 Mr. Cook followed them himself, alone and
 unarmed, a considerable way along the shore,
 but without prevailing upon them to stop †.

* Hawkesworth, ubi supra, p. 481, 483, 490 — 495.

† This day Mr. Green took the sun's meridian altitude a

On the first of May, he resolved to make an excursion into the country. Accordingly, our Commander, Mr. Banks, Dr Solander, and seven others, all of them properly accoutred for the expedition, set out, and repaired first to the huts near the watering place, whither some of the Indians continued every day to resort. Though the little presents which had been left there before had not yet been taken away, our gentlemen added others of still greater value, consisting of cloth, beads, combs, and looking glasses. After this they went up into the country, the face of which is finely diversified by wood and lawn. The soil they found to be either swamp or light sand †.

In cultivating the ground there would be no obstruction from the trees, which are tall, strait, and without underwood, and stand at a sufficient distance from each other. Between the trees, the land is abundantly covered with grass. Our voyagers saw many houses of the inhabitants, but met with only one of the people, who ran away as soon as he discovered the English. At every place where they went they left presents, hoping that at length they might procure the confidence and good will of the Indians. They

little within the south entrance of the bay, which gave the latitude 34° south.

† In a part of the country that was afterwards examined, the soil was found to be much richer; being a deep black mold, which the Lieutenant thought very fit for the production of grain of any kind.

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1 May.

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CHAP. II. 1770. perceived some traces of animals; and the trees over their heads abounded with birds of various kinds, among which were many of exquisite beauty. Loriguets and cockatoos, in particular, were so numerous, that they flew in flocks of several scores together.

While the Lieutenant and his friends were upon this excursion, Mr. Gore, who had been sent out in the morning to dredge for oysters, having performed that service, dismissed his boat, and taking a midshipman with him, set out to join the waterers by land. In his way he fell in with a body of two and twenty Indians, who followed him, and were often at no greater distance than that of twenty yards. When he perceived them so near, he stopped, and faced about, upon which they likewise stopped; and when he went on again, they continued their pursuit. But though they were all armed with lances, they did not attack Mr. Gore; so that he and the midshipman got in safety to the watering-place. When the natives came in sight of the main body of the English, they halted at about the distance of a quarter of a mile, and stood still. By this Mr. Monkhouse and two or three of the waterers were encouraged to march up to them; but seeing the Indians keep their ground, they were seized with a sudden fear, which is not uncommon to the rash and fool-hardy, and made a hasty retreat. This step increased the danger which it was intended to avoid. Four of the Indians immediately ran

forward, and discharged their lances at the fugitives, with such force that they went beyond them. Our people, recovering their spirits, stopped to collect the lances, upon which the natives, in their turn, began to retire. At this time Mr. Cook came up, with Mr. Banks, Dr. Solander, and Tupia; and being desirous of convincing the Indians that they were neither afraid of them, nor designed to do them any injury, they advanced towards them, endeavouring, by signs of expostulation and entreaty, to engage them to an intercourse, but, without effect.

From the boldness which the natives discovered on the first landing of our voyagers, and the terror that afterwards seized them at the sight of the English, it appears that they were sufficiently intimidated by our fire-arms. There was not, indeed, the least reason to believe that any of them had been much hurt by the small shot which had been fired at them when they attacked our people on their coming out of the boat. Nevertheless, they had probably seen, from their lurking places, the effects which the musquets had upon birds. Tupia, who was become a good marksman, frequently strayed abroad to shoot parrots; and while he was thus employed, he once met with nine Indians, who, as soon as they perceived that he saw them, ran from him, in great alarm and confusion.

While, on the third of May, Mr. Banks was gathering plants near the watering-place, Lieuten-

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3 May.

CHAP. ant Cook went with Dr. Solander and Mr.
II. Monkhouse to the head of the bay, for the

1770. purpose of examining that part of the country,
and of making farther attempts to form some
connections with the natives. In this excursion
they acquired additional knowledge concerning
the nature of the soil, and its capacities for cul-
tivation, but had no success in their endeavours
to engage the inhabitants in coming to a friendly
intercourse. Several parties that were sent into

May 4. the country, on the next day, with the same
view, were equally unsuccessful. In the afternoon
our Commander himself, with a number of attend-
ants, made an excursion to the north shore,
which he found to be without wood, and to re-
semble, in some degree, our moors in England.
The surface of the ground was, however, co-
vered with a thin brush of plants, rising to about
the height of the knee. Near the coast the hills
are low, but there are others behind them, which
gradually ascend to a considerable distance, and
are intersected with marshes and morasses. Among
the articles of fish which, at different times, were
caught, were large stingrays. One of them, when
his entrails were taken out, weighed three hun-
dred and thirty-six pounds.

It was upon account of the great quantity of
plants which Mr. Banks and Dr. Solander col-
lected in this place, that Lieutenant Cook was
induced to give it the name of BOTANY BAY. It
is situated in the latitude of 34° south, and in
the longitude of $208^{\circ} 37'$ west; and affords a
capacious,

capacious, safe, and convenient shelter for ship-
 ping. The Endeavour anchored near the south
 shore, about a mile within the entrance, for the
 convenience of sailing with a southerly wind,
 and because the Lieutenant thought it the best
 situation for watering. But afterwards he found
 a very fine stream on the north shore, where
 there was a sandy cove, in which a ship might lie
 almost land-locked, and procure wood and water
 in the greatest abundance. Though wood is
 every where plentiful, our Commander saw
 only two species of it that could be considered
 as timber. Not only the inhabitants who were
 first discovered, but all who afterwards came in
 sight, were entirely naked. Of their mode of
 life our voyagers could know but little, as not
 the least connexion could be formed with
 them; but it did not appear that they were
 numerous, or that they lived in societies. They
 seemed, like other animals, to be scattered about
 along the coast, and in the woods. Not a single
 article was touched by them of all that were
 left at their huts, or at the places which they
 frequented; so little sense had they of those small
 conveniences and ornaments which are generally
 very alluring to the uncivilized tribes of the
 globe. During Mr. Cook's stay at this place, he
 caused the English colours to be displayed every
 day on shore, and took care that the ship's
 name, and the date of the year, should be

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CHAP. inscribed upon one of the trees near the
II. watering-place *.

1770. At day-break, on Sunday the sixth of May,
6 May. • our navigators sailed from Botany Bay; and as
they proceeded on their voyage, the Lieutenant
gave the names that are indicated upon the map
to the bays, capes, points, and remarkable hills
which successively appeared in sight. On the
14. fourteenth, as the Endeavour advanced to the
northward, being then in latitude $30^{\circ} 22'$ south,
and longitude $206^{\circ} 39'$ west, the land gradually
increased in height, so that it may be called a
hilly country. Between this latitude and Botany
Bay, it exhibits a pleasing variety of ridges,
hills, valleys, and plains, all clothed with wood,
of the same appearance with that which has
been mentioned before. The land near the shore
is in general low and sandy, excepting the
points, which are rocky, and over many of
which are high hills, that, at their first rising
out of the water, have the semblance of islands.
On the next day, the vessel being about a
league from the shore, our voyagers discovered
smoke in many places, and having recourse to
their glasses, they saw about twenty of the
natives, who had each of them a large bundle
upon his back. The bundles our people con-
jectured to be palm leaves for covering the
houses of the Indians, and continued to ob-
serve them above an hour, during which they

* Hawkesworth, *ubi supra*, p. 496 — 506.

walked upon the beach, and up a path that led over a hill of gentle ascent. It was remarkable, that not one of them was seen to stop and look towards the Endeavour. They marched along without the least apparent emotion either of curiosity or surprize, though it was impossible that they should not have discerned the ship by some casual glance as they went along the shore, and though she must have been the most stupendous and unaccountable object they had ever beheld *.

While, on the seventeenth, our navigators were in a bay, to which Lieutenant Cook had given the name of Moreton's Bay **, and at a place where the land was not at that time visible, some on board, having observed that the sea looked paler than usual, were of opinion that the bottom of the bay opened into a river. The Lieutenant was sensible that there was no real ground for this supposition. As the Endeavour had here thirty-four fathom water, and a fine sandy bottom, these circumstances alone were sufficient to produce the change which had been noticed in the colour of the sea. Nor was it by any means necessary to suppose a river, in order to account for the land at the bottom of the bay not being visible. If the land there was as low as it had been experienced to be in a

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17 May.

* Hawkesworth, ubi supra, p. 507—511, 512.

** The latitude of Moreton's Bay is $26^{\circ} 56'$ south, and its longitude $206^{\circ} 28'$ west.

CHAP. hundred other parts of the coast, it would be
II. impossible to see it from the station of the ship.

1770. Our Commander would, however, have brought
the matter to the test of experiment, if the wind
had been favourable to such a purpose. Should
any future navigator be disposed to determine
the question, whether there is or is not a river
in this place, Mr. Cook has taken care to leave
the best directions for finding its situation.

21 May. On the twenty-second, as our voyagers were
pursuing their course from HARVEY'S BAY, they
discovered with their glasses that the land was
covered with palm-nut trees, which they had
not seen from the time of their leaving the
islands within the tropic. They saw also two
men walking along the shore, who paid them
as little attention as they had met with on
former occasions. At eight o'clock in the evening
of this day, the ship came to an anchor in five
fathom, with a fine sandy bottom. Early in
23. the morning of the next day, the Lieutenant,
accompanied by Mr. Banks, Dr. Solander, the
other gentlemen, Tupia, and a party of men,
went on shore, in order to examine the country.
The wind blew fresh, and the weather was so
cold, that, being at a considerable distance
from land, they took their cloaks as a necessary
equipment for the voyage. When they landed,
they found a channel leading into a large lagoon.
Both the channel and the lagoon were examined
by our Commander with his usual accuracy.
There is in the place a small river of fresh

water, and room for a few ships to lie in great security. Near the lagoon grows the true mangrove, such as exists in the West India islands, and the first of the kind that had been yet met with by our navigators. Among the shoals and sand banks of the coast, they saw many large birds, and some in particular of the same kind which they had seen in Botany Bay. These they judged to be pelicans, but they were so shy as never to come within reach of a musquet. On the shore was found a species of the bustard, one of which was shot that was equal in size to a turkey, weighing seventeen pounds and a half. All the gentlemen agreed that this was the best bird they had eaten since they left England; and in honour of it they called the inlet BUSTARD BAY *. Upon the mud banks, and under the mangroves, were innumerable oysters of various kinds, and among others the hammer oyster, with a large proportion of small pearl-oysters. If in deeper water there should be equal plenty of such oysters at their full growth, Mr. Cook was of opinion that a pearl fishery might be established here to very great advantage †.

The people who were left on board the ship asserted, that, while the gentlemen were in the woods, about twenty of the natives came down

* Bustard Bay lies in latitude $24^{\circ} 4'$ south, and longitude $208^{\circ} 18'$ west.

† Hawkesworth, ubi supra, p. 514, 516, 519 — 521.

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to the beach, a-breast of the Endeavour, and after having looked at her for some time, went away. Not a single Indian was seen by the gentlemen themselves, though they found various proofs, in smoak, fires, and the fragments of recent meals, that the country was inhabited. The place seemed to be much trodden, and yet not a house, or the remains of a house, could be discerned. Hence the Lieutenant and his friends were disposed to believe that the people were destitute of dwellings, as well as of clothes; and that, like the other commoners of nature, they spent their nights in the open air. Tupia himself was struck with their apparently unhappy condition; and shaking his head, with an air of superiority and compassion, said that they were *Taata Enos*, "poor wretches *."

25th May.

On the twenty-fifth, our voyagers, at the distance of one mile from the land, were a-breast of a point which Mr. Cook found to lie directly under the tropic of Capricorn; and for this reason he called it **CAPE CAPRICORN**†. In the night of the next day, when the ship had anchored at a place which was distant four leagues from Cape Capricorn, the tide rose and fell near seven feet; and the flood set to the westward, and the ebb to the east ward. This circumstance was just the reverse

26.

* From measuring the perpendicular height of the last tide, and ascertaining the time of low-water this day, the Lieutenant found that it must be high-water, at the full and change of the moon, at eight o'clock.

† Its latitude is 208° 58' west.

of what had been experienced when the Endeavour was at anchor to the eastward of Bustard Bay.

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26 May.

While our people were under sail, on the twenty-sixth, and were surrounded with islands, which lay at different distances from the main land, they suddenly fell into three fathom of water. Upon this the Lieutenant anchored, and sent away the master to sound a channel which lay between the northernmost island and the main. Though the channel appeared to have a considerable breadth, our Commander suspected it to be shallow, and such was in fact the case. The master reported, at his return, that he had only two fathom and a half in many places; and where the vessel lay at anchor she had only sixteen feet, which was not two feet more than she drew. Mr. Banks, who, while the master was sounding the channel, tried to fish from the cabin window with hook and line, was successful in catching two sorts of crabs, both of them such as our navigators had not seen before. One of them was adorned with a most beautiful blue, in every respect equal to the ultramarine. With this blue all his claws and joints were deeply tinged; while the under part of him was white, and so exquisitely polished that in colour and brightness it bore an exact resemblance to the white of old china. The other crab was also marked, though somewhat more sparingly, with the ultramarine on his joints and his toes; and on his back were three brown spots of a singular appearance.

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27 May.

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Early the next morning, Lieutenant Cook, having found a passage between the islands, sailed to the northward, and on the evening of the succeeding day anchored at about two miles distance from the main. At this time a great number of islands, lying a long way without the ship, were in sight. On the twenty-ninth, the Lieutenant sent away the master with two boats to sound the entrance of an inlet which lay to the west, and into which he intended to go with the vessel, that he might wait a few days for the moon's encrease, and have an opportunity of examining the country. As the tide was observed to ebb and flow considerably, when the Endeavour had anchored within the inlet, our Commander judged it to be a river that might run pretty far up into land. Thinking that this might afford a commodious situation for laying the ship ashore, and cleaning her bottom, he landed with the master, in search of a proper place for the purpose. He was accompanied in the excursion by Mr. Banks and Dr. Solander; and they found walking exceedingly troublesome, in consequence of the ground's being covered with a kind of grass, the seeds of which were very sharp and bearded. Whenever these seeds stuck into their clothes, which happened at every step, they worked forward by means of the beard, till they got at the flesh. Another disagreeable circumstance was, that the gentlemen were incessantly tormented with the stings of a cloud of musquitos. They soon met with several

places where the ship might conveniently be laid ashore; but were much disappointed in not being able to find any fresh water. In proceeding up the country, they found gum trees, the gum upon which existed only in very small quantities. Gum trees of a similar kind, and as little productive, had occurred in other parts of the Coast of New South Wales. Upon the branches of the trees were ants nests, made of clay, as big as a bushel. The ants themselves, by which the nests were inhabited, were small, and their bodies white. Upon another species of the gum tree, was found a small black ant, which perforated all the twigs, and, having worked out the pith, occupied the pipe in which it had been contained. Notwithstanding this, the parts in which these insects, to an amazing number, had formed a lodgment, bore leaves and flowers, and appeared to be entirely in a flourishing state. Butterflies were found in such multitudes that the account of them seems almost to be incredible. The air was so crowded with them, for the space of three or four acres, that millions might be seen in every direction; and the branches and twigs of the trees were at the same time covered with others that were not upon the wing. A small fish of a singular kind was likewise met with in this place. Its size was about that of a minnow, and it had two very strong breast-fins. It was found in places which were quite dry, and where it might be supposed that it had been left by the tide; and yet it did

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CHAP. not appear to have become languid from that
II. circumstance: for when it was approached, it
1770. leaped away as nimbly as a frog. Indeed it did
not seem to prefer water to land.

Though the curiosity of Mr. Cook and his friends was gratified by the sight of these various objects, they were disappointed in the attainment of their main purpose, the discovery of fresh water; and a second excursion, which was made by them on the afternoon of the same day, was equally unsuccessful. This failure of the Lieutenant's hopes determined him to make but a short stay in the place. Having, however, observed from an eminence that the inlet penetrated a considerable way into the country, he formed a resolution of tracing it in the morning. Accordingly, at sun-rise, on Wednesday the thirtieth of
30 May. May, he went on shore, and took a view of the coast and the islands that lie off it, with their bearings. For this purpose he had with him an azimuth compass; but he found that the needle differed very considerably in its position, even to thirty degrees; the variation being in some places more, in others less. Once the needle varied from itself no less than two points in the distance of fourteen feet. M. Cook having taken up some of the loose stones which lay upon the ground, applied them to the needle, but they produced no effect; whence he concluded that in the hills there was iron ore, traces of which he had remarked both here and in the neighbouring parts. After he had made his observations upon

the hill, he proceeded with Dr. Solander up the inlet. He set out with the first of the flood, and had advanced above eight leagues long before it was highwater. The breadth of the inlet thus far was from two to five miles, upon a direction south-west by south; but here it opened every way, and formed a large lake, which to the north-west communicated with the sea. Our Commander not only saw the sea in this direction, but found the tide of flood coming strongly in from that point. He observed, also, an arm of this lake extending to the eastward. Hence he thought it not improbable that it might communicate with the sea in the bottom of the bay, which lies to the westward of the cape that on the chart is designated by the name of **CAPE TOWNSHEND**. On the south side of the lake is a ridge of hills which the Lieutenant was very desirous of climbing. As, however, it was high-water, and the day was far spent; and as the weather, in particular, was dark and rainy, he was afraid of being bewildered among the shoals in the night, and therefore was obliged to give up his inclination, and to make the best of his way to the ship. Two people only were seen by him, who followed the boat along the shore a good way at some distance; but he could not prudently wait for them, as the tide ran strongly in his favour. Several fires in one direction, and smoke in another, exhibited farther proofs of the country's being in a certain degree inhabited.

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While Mr. Cook, with Dr. Solander, was tracing the inlet, Mr. Banks and a party with him engaged in a separate excursion, in which they had not proceeded far within land, before their course was obstructed by a swamp, covered with mangroves. This, however, they determined to pass; and having done it with great difficulty, they came up to a place where there had been four small fires, near to which lay some shells and bones of fish that had been roasted. Heaps of grass were also found lying together, on which four or five people appeared to have slept. Mr. Gore, in another place, observed the track of a large animal. Some bustards were likewise seen, but not any other bird, excepting a few beautiful loriquets, of the same kind with those which had been noticed in Botany Bay. The country in general, in this part of New South Wales, appeared sandy and barren, and destitute of the accommodations which could fit it for being possessed by settled inhabitants. From the ill success that attended the searching for fresh water, Lieutenant Cook called the inlet in which the ship lay THIRSTY SOUND*. No refreshment of any other sort was here procured by our voyagers†.

31 May.

Our Commander, not having a single inducement to stay longer in this place, weighed anchor

* Thirsty Sound lies in latitude $22^{\circ} 10'$ south, and longitude $210^{\circ} 18'$ west.

† Hawkesworth, ubi supra, p. 521—532.

in the morning of the thirty-first, and put to sea. In the prosecution of the voyage, when the Endeavour was close under CAPE UPSTART, the variation of the needle, at sun-set, on the fourth of June, was 9° east, and at sun-rise the next day, it was no more than $5^{\circ} 35'$. Hence the Lieutenant concluded that it had been influenced by iron ore, or by some other magnetical matter contained under the surface of the earth. In the afternoon of the seventh, our navigators saw upon one of the islands what had the appearance of cocoa-nut trees; and as a few nuts would at this time have been very acceptable, Mr. Cook sent Lieutenant Hicks ashore, to see if he could procure any refreshment. He was accompanied by Mr. Banks and Dr. Solander; and in the evening the gentlemen returned, with an account that what had been taken for cocoa-nut trees were a small kind of cabbage palm, and that, excepting about fourteen or fifteen plants, nothing could be obtained which was worth bringing away. On the eighth, when the Endeavour was in the midst of a cluster of small islands, our voyagers discerned, with their glasses, upon one of the nearest of these islands, about thirty of the natives, men, women, and children, all standing together, and looking with great attention at the ship. This was the first instance of curiosity that had been observed among the people of the country. The present Indian spectators were entirely naked. Their hair was short, and their complexion the same

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II.

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4 June.

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CHAP. with that of such of the inhabitants as had been
II. seen before*.

1770. In navigating the coast of New South Wales, where the sea in all parts conceals shoals which suddenly project from the shore, and rocks that rise abruptly like a pyramid from the bottom, our Commander had hitherto conducted his vessel in safety, for an extent of two and twenty degrees of latitude, being more than one thousand three hundred miles. But, on the tenth of June, as he was pursuing his course from a bay to which he had given the name of TRINITY BAY, the Endeavour fell into a situation as critical and dangerous as any that is recorded in the history of navigation; a history which abounds with perilous adventures, and almost miraculous escapes. Our voyagers were now near the latitude assigned to the islands that were discovered by Quiros, and which, without sufficient reason, some geographers have thought proper to join to this land. The ship had the advantage of a fine breeze, and a clear moonlight night; and in standing off from six till near nine o'clock, she had deepened her water from fourteen to twenty-one fathom. But while our navigators were at supper it suddenly shoaled, and they fell into twelve, ten and eight fathom, within the compass of a few minutes. Mr. Cook immediately ordered every man to his station, and all was ready to put about and come to an anchor, when deep water being met

* Hawkesworth, ubi supra, p. 532, 538, 541.

with again at the next cast of the lead, it was concluded that the vessel had gone over the tail of the shoals which had been seen at sun-set, and that the danger was now over. This idea of security was confirmed by the water's continuing to deepen to twenty and twenty-one fathom, so that the gentlemen left the deck in great tranquillity, and went to bed. However, a little before eleven, the water shoaled at once from twenty to seventeen fathom, and before the lead could be cast again, the ship struck, and remained immoveable, excepting so far as she was influenced by the heaving of the surge, that beat her against the crags of the rock upon which she lay. A few moments brought every person upon deck, with countenances suited to the horrors of the situation. As our people knew, from the breeze which they had in the evening, that they could not be very near the shore, there was too much reason to conclude that they were upon a rock of coral, which, on account of the sharpness of its points, and the roughness of its surface, is more fatal than any other. On examining the depth of water round the ship, it was speedily discovered that the misfortune of our voyagers was equal to their apprehensions. The vessel had been lifted over a ledge of the rock, and lay in a hollow within it, in some places of which hollow there were from three to four fathom, and in others not so many feet of water. To complete the scene of distress, it appeared, from the light of the moon, that the sheathing boards

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C H A P. from the bottom of the ship were floating away
II. all round her. and at last her false keel; so that
1770. every moment was making way for the whole
company's being swallowed up by the rushing
in of the sea. There was now no chance but to
lighten her, and the opportunity had unhappily
been lost of doing it to the best advantage; for
as the Endeavour had gone ashore just at high-
water, and by this time it had considerably fallen,
she would, when lightened, be but in the same
situation as at first. The only alleviation of this
circumstance was, that as the tide ebbed, the
vessel settled to the rocks, and was not beaten
against them with so much violence. Our people
had, indeed, some hope from the next tide,
though it was doubtful whether the ship would
hold together so long, especially as the rock kept
grating part of her bottom with such force as to
be heard in the fore store-room. No effort, how-
ever, was remitted from despair of success. That
no time might be lost, the water was immediately
started in the hold, and pumped up; six guns,
being all that were upon the deck, a quantity of
iron and stone ballast, casks, hoop staves, oil
jars, decayed stores, and a variety of things
besides, were thrown overboard with the utmost
expedition. Every one exerted himself, not only
without murmuring and discontent, but even with
an alacrity which almost approached to cheerful-
ness. So sensible, at the same time, were the
men of the awefulness of their situation, that not
an oath was heard among them, the detestable
habit

habit of profane swearing being instantly subdued by the dread of incurring guilt when a speedy death was in view.

C H A P.

II.

1770.

11 June.

While Lieutenant Cook and all the people about him were thus employed, the opening of the morning of the eleventh of June presented them with a fuller prospect of their danger. The land was seen by them at about eight leagues distance, without any island in the intermediate space, upon which, if the ship had gone to pieces, they might have been set a-shore by the boats, and carried thence by different turns to the main. Gradually, however, the wind died away, and early in the forenoon it became a dead calm; a circumstance this, peculiarly happy in the order of Divine Providence; for if it had blown hard, the vessel must inevitably have been destroyed. High-water being expected at eleven in the morning, and every thing being made ready to heave her off if she should float, to the inexpressible surprize and concern of our navigators, so much did the day-tide fall short of that of the night, that though they had lightened the ship nearly fifty ton, she did not float by a foot and a half. Hence it became necessary to lighten her still more, and every thing was thrown overboard that could possibly be spared. Hitherto the Endeavour had not admitted much water; but as the tide fell, it rushed in so fast, that she could scarcely be kept free, though two pumps were incessantly worked. There were now no hopes but from the tide at midnight; to prepare for

CHAP. taking the advantage of which the most vigorous
II. efforts were exerted. About five o'clock in the
1770. afternoon the tide began to rise, but, at the
same time, the leak increased to a most alarming
degree. Two more pumps, therefore, were
manned, one of which unhappily would not
work. Three pumps, however, were kept going,
and at nine o'clock the ship righted. Neverthe-
less, the leak had gained so considerably upon
her, that it was imagined that she must go to
the bottom as soon as she ceased to be supported
by the rock. It was, indeed, a dreadful circum-
stance to our Commander and his people, that
they were obliged to anticipate the floating of
the vessel not as an earnest of their deliverance,
but as an event which probably would precipi-
tate their destruction. They knew that their
boats were not capable of carrying the whole of
them on shore, and that when the dreadful crisis
should arrive, all command and subordination
being at an end, a contest for preference might
be expected; which would increase even the hor-
rors of shipwreck, and turn their rage against each
other. Some of them were sensible that if they
should escape to the main land, they were likely
to suffer more upon the whole than those who
would be left on board to perish in the waves.
The latter would only be exposed to instant
death; whereas the former, when they got on
shore, would have no lasting or effectual defence
against the natives, in a part of the country
where even nets and fire-arms could scarcely

furnish them with food. But supposing that they should find the means of subsistence, how horrible must be their state, to be condemned to languish out the remainder of their lives in a desolate wilderness, without the possession or hope of domestic comfort, and to be cut off from all commerce with mankind, excepting that of the naked savages who prowl the desert, and who perhaps are some of the most rude and uncivilized inhabitants of the earth!

C H A P.

II.

1770.

The dreadful moment which was to determine the fate of our voyagers now drew on; and every one saw, in the countenances of his companions, the picture of his own sensations. Not, however, giving way to despair, the Lieutenant ordered the capstan and windlace to be manned with as many hands as could be spared from the pumps, and the ship having floated about twenty minutes after ten o'clock, the grand effort was made, and she was heaved into deep water. It was no small consolation to find that she did not now admit of more water than she had done when upon the rock. By the gaining, indeed, of the leak upon the pumps, three feet and nine inches of water were in the hold; notwithstanding which, the men did not relinquish their labour. Thus they held the water as it were at bay: but having endured excessive fatigue of body, and agitation of mind, for more than twenty-four hours, and all this being attended with little hope of final success, they began, at length, to flag. None of them could work at

CHAP. the pump above five or six minutes together,

II. after which, being totally exhausted, they threw

1770. themselves down upon the deck, though a

stream of water, between three or four inches

deep, was running over it from the pumps.

When those who succeeded them had worked

their time, and in their turn were exhausted,

they threw themselves down in the same man-

ner, and the others started up again, to renew

their labour. While thus they were employed

in relieving each other, an accident was very

nearly putting an immediate end to all their

efforts. The planking which lines the ship's bot-

tom is called the cieling, between which and the

outside planking there is a space of about eighteen

inches. From this cieling only, the man who

had hitherto attended the well had taken the

depth of the water, and had given the measure

accordingly. But, upon his being relieved, the

person who came in his room reckoned the depth

to the outside planking, which had the appearance

of the leak's having gained upon the pumps

eighteen inches in a few minutes. The mistake,

however, was soon detected; and the accident,

which in its commencement was very formidable

to them, became, in fact, highly advantageous.

Such was the joy which every man felt at find-

ing his situation better than his fears had sug-

gested, that it operated with wonderful energy,

and seemed to possess him with a strong persua-

sion that scarcely any real danger remained. New

confidence and new hope inspired fresh vigour;

and the efforts of the men were exerted with so much alacrity and spirit, that before eight o'clock in the morning the pumps had gained considerably upon the leak. All the conversation now turned upon carrying the ship into some harbour, as a thing not to be doubted; and as hands could be spared from the pumps, they were employed in getting up the anchors. It being found impossible to save the little bower anchor, it was cut away at a whole cable, and the cable of the stream anchor was lost among the rocks; but in the situation of our people these were trifles which scarcely attracted their notice. The fore-topmast and fore-yard were next erected, and there being a breeze from the sea, the Endeavour, at eleven o'clock, got once more under sail, and stood for the land.

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1770.

Notwithstanding these favourable circumstances, our voyagers were still very far from being in a state of safety. It was not possible long to continue the labour by which the pumps had been made to gain upon the leak; and as the exact place of it could not be discovered, there was no hope of stopping it within. At this crisis, Mr. Monkhouse, one of the midshipmen, came to Lieutenant Cook, and proposed an expedient he had once seen used on board a merchant ship which had sprung a leak that admitted more than four feet water in an hour, and which by this means had been safely brought from Virginia to London. To Mr. Monkhouse, therefore, the care of the expedient, which is

CHAP. II. called fothering the ship, was, with proper assistance, committed; and his method of proceeding was as follows. He took a lower fludding sail, and having mixed together a large quantity of oakham and wool, he stitched it down, as lightly as possible, in handfals upon the sail, and spread over it the dung of the sheep of the vessel, and other filth. The sail being thus prepared, it was hauled under the ship's bottom by ropes, which kept it extended. When it came under the leak, the suction that carried in the water, carried in with it the oakham and wool from the surface of the sail. In other parts the water was not sufficiently agitated to wash off the oakham and the wool. The success of the expedient was answerable to the warmest expectations; for hereby the leak was so far reduced, that, instead of gaining upon three pumps, it was easily kept under with one. Here was such a new source of confidence and comfort, that our people could scarcely have expressed more joy if they had been already in port. It had lately been the utmost object of their hope, to run the ship ashore in some harbour, either of an island or the main, and to build a vessel out of her materials, to carry them to the East Indies. Nothing, however, was now thought of but to range along the coast in search of a convenient place to repair the damage the Endeavour had sustained, and then to prosecute the voyage upon the same plan, as if no impediment had happened. In justice and gratitude to the ship's company, and

the gentlemen on board, Mr. Cook has recorded, C H A P.
 that although in the midst of their distress all of II.
 them seemed to have a just sense of their danger, 1770.
 no man gave way to passionate exclamations,
 or frantic gestures. "Every one appeared to
 " have the perfect possession of his mind, and eve-
 " ry one exerted himself to the uttermost, with
 " a quiet and patient perseverance, equally dist-
 " ant from the tumultuous violence of terror,
 " and the gloomy inactivity of despair *."

Though the Lieutenant hath said nothing of
 himself, it is well known that his own com-
 posure, fortitude, and activity were equal to the
 greatness of the occasion.

To complete the history of this wonderful
 preservation, it is necessary to bring forward a
 circumstance, which could not be discovered till
 the ship was laid down to be repaired. It was
 then found that one of her holes, which was
 large enough to have sunk our navigators, if they
 had had eight pumps instead of four, and had
 been able to keep them incessantly going, was
 in a great measure filled up by a fragment of the
 rock, upon which the Endeavour had struck.
 To this singular event, therefore it was owing,
 that the water did not pour in with a violence
 which must speedily have involved the Endea-
 vour and all her company in inevitable destruc-
 tion †.

* Hawkesworth, ubi supra, p. 544 — 552.

† Ibid. p. 559.

CHAP. Hitherto none of the names, by which our
 II. Commander had distinguished the several parts of
 1770. the country seen by him were memorials of distress. But the anxiety and danger which he and his people had now experienced, induced him to call a point in sight, which lay to the northward, CAPE TRIBULATION †.

The next object after this event was to look out for a harbour where the defects of the ship might be repaired, and the vessel put into proper order for future navigation. On the fourteenth, a small harbour was happily discovered, which was excellently adapted to the purpose. It was, indeed, remarkable, that, during the whole course of the voyage, our people had seen no place which, in their present circumstances, could have afforded them the same relief. They could not, however, immediately get into it; and in the midst of all their joy for their unexpected deliverance, they had not forgotten that there was nothing but a lock of wool between them and destruction.

At this time, the scurvy, with many formidable symptoms, began to make its appearance among our navigators. Tupia, in particular, was so grievously affected with the disease, that all the remedies prescribed by the surgeon could not retard its progress. Mr. Green, the astrono-

† Hawkesworth, ubi supra, p. 544. Cape Tribulation lies in latitude $16^{\circ} 6'$ south, and longitude $214^{\circ} 39'$ west.

mer, was also upon the decline. These and other circumstances embittered the delay which prevented our Commander and his companions from getting on shore. In the morning of the seventeenth, though the wind was still fresh, the Lieutenant ventured to weigh, and to put in for the harbour, the entrance into which was by a very narrow channel. In making the attempt the ship was twice run aground. At the first time she went off without any trouble, but the second time she stuck fast. Nevertheless, by proper exertions, in conjunction with the rising of the tide, she floated about one o'clock in the afternoon. and was soon warped into the harbour. The succeeding day was employed in erecting two tents, in landing the provisions and stores, and in making every preparation for repairing the damages which the Endeavour had sustained. In the mean while, Mr. Cook, who had ascended one of the highest hills that overlooked the harbour, was by no means entertained with a comfortable prospect; the low land near the river being wholly over-run with mangroves, among which the salt-water flows at every tide, and the high land appearing to be altogether stony and barren. Mr. Banks also took a walk up the country, and met with the frames of several old Indian houses, and places where the natives, though not recently, had dressed shellfish. The boat, which had this day been dispatched to haul the seine, with a view of procuring some fish for the refreshment of the

CHAP.

II.

1770.

17 June.

18

C H A P. sick, returned without success. Tupia was more
II. fortunate. Having employed himself in angling,
1770. and living entirely upon what he caught, he
recovered in a surprizing degree. Mr. Green,
to the regret of his friends, exhibited no symp-
toms of returning health.

19 June.

On the nineteenth, M. Banks crossed the river to take a farther view of the country, which he found to consist principally of sand-hills. Some Indian houses were seen by him, that appeared to have been very lately inhabited; and in his walk he met with large flocks of pigeons and crows. The pigeons were exceedingly beautiful. Of these he shot several; but the crows, which were exactly like those in England, were so shy that they never came within the reach of his gun.

22.

It was not till the twenty-second that the tide so far left the Endeavour, as to give our people an opportunity of examining her leak. In the place where it was found, the rocks had made their way through four planks, and even into the timbers. Three more planks were greatly damaged, and there was something very extraordinary in the appearances of the breaches. Not a splinter was to be seen, but all was as smooth as if the whole had been cut away by an instrument. It was a peculiarly happy circumstance that the timbers were here very close, since otherwise the ship could not possibly have been saved. Now also it was that the fragment of the rock was discovered, which, by sticking in

the leak of the vessel, had been such a providential instrument of her preservation.

C H A P.

II.

1770.

On the same day, some of the people who had been sent to shoot pigeons for the sick, and who had discovered many Indian houses, and a fine stream of fresh water, reported at their return, that they had seen an animal as large as a greyhound, of a slender make, of a mouse colour, and extremely swift. As the Lieutenant was walking, on the morning of the twenty-fourth, at a little distance from the ship, he had an opportunity of seeing an animal of the same kind. From the description he gave of it, and from an imperfect view which occurred to Mr. Banks, the latter gentleman was of opinion that its species was hitherto unknown.

24 June.

The position of the vessel, while she was refitting for sea was very near depriving the world of that botanical knowledge, which Mr. Banks had procured at the expence of so much labour, and such various perils. For the greater security of the curious collection of plants which he had made during the whole voyage, he had removed them into the bread room. This room is in the after part of the ship, the head of which, for the purpose of repairing her, was laid much higher than the stern. No one having thought of the danger to which this circumstance might expose the plants, they were found to be under water. However, by the exercise of unremitting care and attention, the larger part of them were restored to a state of preservation.

C H A P.

II.

1770.

29 June.

30.

On the twenty-ninth of June, at two o'clock in the morning, Mr. Cook, in conjunction with Mr. Green, observed an emerfion of Jupiter's firft fatellite. The time here was $2^h 18' 53''$, which gave the longitude of the place at $214^{\circ} 42' 30''$ west: its latitude is $15^{\circ} 26'$ fouth. The next morning the Lieutenant fent fome of the young gentlemen to take a plan of the harbour, whilst he himfelf afcended a hill, that he might gain a full profpect of the fea: and it was a profpect which prefented him with a lively view of the difficulties of his fituation. To his great concern he faw innumerable fand-banks and shoals, lying in every direction of the coaft. Some of them extended as far as he could difcern with his glafs, and many of them did but juft rife above water. To the northward there was an appearance of a paffage, and this was the only direction in which our Commander could hope to get clear, in the profecution of his voyage; for as the wind blew constantly from the fouth-eaft, to return by the fouthward would have been extremely difficult, if not abfolutely impoffible. On this, and the preceding day, our people had been very fuccefsful in hauling the feine. The fupply of fifh was fo great, that the Lieutenant was now able to diftribute two pounds and a half to each man. A quantity of greens having likewise been gathered, he ordered them to be boiled with the peas. Hence an excellent mefs was produced, which, in conjunction with the fifh, afforded an unfpeakable

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refreshment to the whole of the ship's company *. CHAP. II.

Early in the morning of the second of July, Lieutenant Cook sent the master out of the harbour, in the pinnace, to sound about the shoals, and to search for a channel to the northward. A second attempt, which was made this day to heave off the ship, was as unsuccessful as a former one had been. The next day the master returned, and reported that he had found a passage out to sea, between the shoals. On one of these shoals, which consisted of coral rocks, many of which were dry at low water, he had landed, and found there cockles of so enormous a size, that a single cockle was more than two men could eat. At the same place, he met with a great variety of other shell-fish, and brought back with him a plentiful supply for the use of his fellow voyagers. At high-water, this day, another effort was made to float the ship, which happily succeeded; but it being found that she had sprung a plank between decks, it became necessary to lay her ashore a second time. The Lieutenant being anxious to attain a perfect knowledge of the state of the vessel, got one of the carpenter's crew, a man in whom he could confide, to dive, on

1770.
2 July.

3.

* On the first of July, the thermometer, in the shade rose to 87° , which was higher than it had been on any day since our navigators had come upon the coast of New South Wales.

C H A P. the fifth, to her bottom, that he might examine
 II. the place where the sheathing had been rubbed off.
 1770. His report, which was that three streaks of the
 3 July. sheathing, about eight feet long, were wanting,
 and that the main plank had been a little rubbed,
 was perfectly agreeable to the account that had
 been given before by the master and others,
 who had made the same examination; and our
 Commander had the consolation of finding that,
 in the opinion of the carpenter, this matter
 would be of little consequence. The other da-
 mage, therefore, being repaired, the ship was
 again floated at high water, and all hands were
 employed in taking the stores on board, and in
 putting her into a condition for proceeding on
 her voyage*. To the harbour in which she was
 refitted for the sea, Mr. Cook gave the name
 of the ENDEAVOUR RIVER.

6. On the morning of the sixth, Mr. Banks,
 accompanied by Lieutenant Gore, and three
 men, set out in a small boat up the river, with
 a view of spending a few days in examining
 the country. In this expedition nothing escaped
 his notice which related either to the natural
 history or the inhabitants of the places he visited.
 Though he met with undoubted proofs that
 several of the natives were at no great distance,
 none of them came within sight. Having found,
 upon the whole, that the country did not pro-
 mise much advantage from a farther search, he

* Hawkesworth, *ubi supra*, p. 557 — 568.

and his party reembarked in their boat, and returned, on the eighth, to the ship. During their excursion, they had slept upon the ground in perfect security, and without once reflecting upon the danger they would have incurred, if in that situation they had been discovered by the Indians.

Lieutenant Cook had not been satisfied with the account which the master had given of his having traced a passage, between the shoals, into the sea. He sent him out, therefore, a second time, upon the same business; and, on his return, he made a different report. Having been seven leagues out to sea, the master was now of opinion that there was no such passage as he had before imagined. His expedition, however, though in this respect unsuccessful, was not wholly without its advantage. On the very rock where he had seen the large cockles, he met with a great number of turtle; and though he had no better an instrument than a boat-hook, three of them were caught, which together weighed seven hundred and ninety-one pounds. An attempt, which, by order of the Lieutenant, was made the next morning to obtain some more turtle, failed through the misconduct of the same officer, who had been so fortunate on the preceding day.

Hitherto the natives of this part of the country had eagerly avoided holding any intercourse with our people: but at length their minds, through the good management of Mr. Cook,

C H A P.

II.

1770.

8 July.

9.

C H A P. became more favourably disposed. Four of them
II. having appeared, on the tenth, in a small canoe,
1770. and seeming to be busily employed in striking
10 July. fish, some of the ship's company were for going
over to them in a boat. This, however, the
Lieutenant would not permit, repeated experi-
ence having convinced him that it was more
likely to prevent than to procure an interview.
He determined to pursue a contrary method, and
to try what could be done by letting them alone,
and not appearing to make them, in the least
degree, the objects of his notice. So successful
was this plan, that, after some preparatory
intercourse, they came along-side the ship,
without expressing any fear or distrust. The
conference was carried on, by signs, with the
utmost cordiality till dinner-time, when, being
invited by our people to go with them and par-
take of their provision, they declined it, and
went away in their canoe. One of these Indians
was somewhat above the middle age; the three
others were young. Their stature was of the
common size, but their limbs were remarkably
small. The colour of their skin was a dark
chocolate. Their hair was black, but not woolly;
and their features were far from being disagree-
able. They had lively eyes, and their teeth were
even and white. The tones of their voices were
soft and musical, and there was a flexibility in
their organs of speech, which enabled them to
repeat, with great facility, many of the words
pronounced by the English.

On

On the next morning, our voyagers had another visit from four of the natives. Three of them were the same who had appeared the day before, but the fourth was a stranger, to whom his companions gave the name of YAPARICO. He was distinguished by a very peculiar ornament. This was the bone of a bird, nearly as thick as a man's finger, and five or six inches long, which he had thrust into a hole, made in the gristle that divides the nostrils. An instance of the like kind, and only one, had been seen in New Zealand. It was found, however, that among all these people the same part of the nose was perforated; that they had holes in their ears; and that they had bracelets, made of plaited hair, upon the upper part of their arms. Thus the love of ornament takes place among them, though they are absolutely destitute of apparel.

Three Indians, on the twelfth, ventured down to Tupia's tent, and were so well pleased with their reception, that one of them went with his canoe to fetch two others, who had never been seen by the English. On his return, he introduced the strangers by name, a ceremony which was never omitted upon such occasions. From a farther acquaintance with the natives, it was found that the colour of their skins was not so dark as had at first been apprehended, and that all of them were remarkably clean limbed, and extremely active and nimble. Their

CHAP. language appeared to be more harsh than that
II. of the Islanders in the South sea.

1770. On the fourteenth, Mr. Gore had the good
14 July. fortune to kill one of the animals before mentioned, and which had been the subject of much speculation. It is called by the natives *Kangaroo*; and when dressed proved most excellent meat. Indeed, our navigators might now be said to fare sumptuously every day; for they had turtle in great plenty, and it was agreed that these were far superior to any which our people had ever tasted in England. This the gentlemen justly imputed to their being eaten fresh from the sea, before their natural fat had been wasted, or their juices changed, by the situation and diet they are exposed to when kept in tubs. Most of the turtle here caught were of the kind called green turtle, and their weight was from two to three hundred pounds.

16. In the morning of the sixteenth, while the men were engaged in their usual employment of getting the ship ready for the sea, our Commander climbed one of the heights on the north side of the river, and obtained from it an extensive view of the inland country, which he found agreeably diversified by hills, valleys, and large plains, that in many places were richly covered with wood. This evening, the Lieutenant and Mr. Green observed an emerſion of the first ſatellite of Jupiter, which gave $214^{\circ} 53' 45''$ of longitude. The obſervation taken on the twenty-ninth of June had given $214^{\circ} 48' 30''$; and the

mean was $214^{\circ} 48' 7''$, being the longitude of the place west of Greenwich. CHAP.

II.

1770.
17 July.

On the seventeenth, Mr. Cook sent the master and one of the mates in the pinnace, to search for a channel to the northward; after which, accompanied by Mr. Banks and Dr. Solander, he went into the woods on the other side of the water. In this excursion the gentlemen had a farther opportunity of improving their acquaintance with the Indians, who by degrees became so familiar, that several of them the next day ventured on board the ship. There the Lieutenant left them, apparently much entertained, that he might go with Mr. Banks to take a farther survey of the country, and especially to indulge an anxious curiosity they had of looking round about them upon the sea; of which they earnestly wished, but scarcely dared to hope, that they might obtain a favourable and encouraging prospect. When, after having walked along the shore seven or eight miles to the northward, they ascended a very high hill, the view which presented itself to them inspired nothing but melancholy apprehensions. In every direction, they saw rocks and shoals without number; and there appeared to be no passage out to sea, but through the winding channels between them, the navigation of which could not be accomplished without the utmost degree of difficulty and danger. The spirits of the two gentlemen were not raised by this excursion.

CHAP.

II.

1770.

19 July.

On the nineteenth our voyagers were visited by ten of the natives; and six or seven more were seen at a distance, chiefly women, who were as naked as the male inhabitants of the country. There being at that time a number of turtles on the deck of the ship, the Indians who came on board were determined to get one of them; and expressed great disappointment and anger, when our people refused to comply with their wishes. Several attempts were made by them to secure what they wanted by force; but all their efforts proving unsuccessful, they suddenly leaped into their canoe in a transport of rage, and paddled towards the shore. The Lieutenant, with Mr. Banks, and five or six of the ship's crew, immediately went into the boat, and got ashore, where many of the English were engaged in various employments. As soon as the natives reached the land, they seized their arms, which had been laid up in a tree, and having snatched a brand from under a pitch-kettle that was boiling, made a circuit to the windward of the few things our people had on shore, and with surprizing quickness and dexterity set fire to the grass in their way. The grass, which was as dry as stubble, and five or six feet high, burnt with surprizing fury; and a tent of Mr. Banks's would have been destroyed, if that gentleman had not immediately got some of the men to save it, by hauling it down upon the beach. Every part of the smith's forge that would burn was consumed. This transaction was

followed by another of the same nature. In spite of threats and entreaties, the Indians went to a different place, where several of the Endeavour's crew were washing, and where the seine, the other nets, and a large quantity of linen were laid out to dry, and again set fire to the grass. The audacity of this fresh attack rendered it necessary that a musket, loaded with small shot, should be discharged at one of them; who being wounded, at the distance of about forty yards, they all betook themselves to flight. In the last instance the fire was extinguished before it had made any considerable progress; but where it had first begun it spread far into the woods. The natives being still in sight, Mr. Cook, to convince them that they had not yet gotten out of his reach, fired a musquet, charged with ball, a breast of them among the mangroves, upon which they quickened their pace, and were soon out of view. It was now expected that they would have given our navigators no farther trouble; but in a little time their voices were heard in the woods, and it was perceived that they came nearer and nearer. The Lieutenant, therefore, together with Mr. Banks, and three or four more persons, set out to meet them; and the result of the interview, in consequence of the prudent and lenient conduct of our Commander and his friends, was a complete reconciliation. Soon after the Indians went away, the woods were seen to be on fire at the distance of about two miles. This accident, if it had

C H A P.

II.

1770.

CHAP. happened a little sooner, might have produced
 II. dreadful effects; for the powder had been but
 1770. a few days on board, and it was not many
 hours that the store tent, with all the valuable
 things contained in it, had been removed. From
 the fury with which the grafs would burn in
 this hot climate, and the difficulty of extinguish-
 ing the fire, our voyagers determined never to
 expose themselves to the like danger, but to
 clear the ground around them, if ever again
 they should be under a necessity of pitching their
 tents in such a situation.

In the evening of this day, when every thing
 was gotten on board the ship, and she was
 nearly ready for sailing, the master returned with
 the disagreeable account that there was no passage
 for her to the northward. The next morning
 the Lieutenant himself founded and buoyed the
 bar. At this time all the hills for many miles
 round were on fire, and the appearance they
 assumed at night was eminently striking and
 splendid.

25 July In an excursion which was made by Mr. Banks,
 on the twenty-third, to gather plants, he found
 the greatest part of the cloth that had been given
 to the Indians lying in a heap together. This,
 as well as the trinkets which were bestowed
 upon them, they probably regarded as useless
 lumber. Indeed, they seemed to set little value
 on any thing possessed by our people, excepting
 their turtle; and that was a commodity which
 could not be spared.

As Lieutenant Cook was prevented by blowing weather from attempting to get out to sea, Mr. Banks and Dr. Solander seized another opportunity, on the twenty-fourth, of pursuing their botanical researches. Having traversed the woods the greater part of the day without success, as they were returning through a deep valley, they discovered lying upon the ground several marking nuts, the *Anacardium orientale*. Animated with the hope of meeting with the tree that bore them, a tree which perhaps no European botanist had ever seen, they sought for it with great diligence and labour, but to no purpose. While Mr. Banks was again gleaning the country, on the twenty-sixth, to enlarge his treasure of natural history, he had the good fortune to take an animal of the *Opossum* tribe, together with two young ones. It was a female, and, though not exactly of the same species, much resembled the remarkable animal which Mons. de Buffon hath described by the name of *phalanger*.

On the morning of the twenty-ninth, the weather becoming calm, and a light breeze having sprung up by land, Lieutenant Cook sent a boat to see what water was upon the bar, and all things were made ready for putting to sea. But, on the return of the boat, the officer reported that there were only thirteen feet of water on the bar. As the ship drew thirteen feet six inches, and the sea breeze set in again in the evening, all hope of sailing on that day was given up. The weather being more moderate

C H A P.

II.

1770.

24 July.

26.

29.

C H A P.

II.

1770.

31 July.

on the thirty-first, the Lieutenant had thoughts of trying to warp the vessel out of the harbour; but upon going out himself in the boat, he found that the wind still blew so fresh, that it would not be proper to make the attempt. A disagreeable piece of intelligence occurred on the succeeding day. The carpenter, who had examined the pumps, reported that they were all of them in a state of decay. One of them was so rotten, that, when hoisted up, it dropped to pieces, and the rest were not in a much better condition. The chief confidence, therefore, of our navigators was now in the soundness of the ship; and it was a happy circumstance that she did not admit more than one inch of water in an hour.

3 August.

Early on the third of August, another unsuccessful attempt was made to warp the vessel out of the harbour: but in the morning of the next day the efforts of our voyagers were more prosperous, and the Endeavour got once more under sail, with a light air from the land, which soon died away, and was followed by sea breezes from south-east by south. With these breezes the ship stood off to sea, east by north, having the pinnace a-head, which was ordered to keep sounding without intermission. A little before noon the Lieutenant anchored in fifteen fathom water, with a sandy bottom; the reason of which was, that he did not think it safe to run in among the shoals, till, by taking a view of them from the mast-head, at low-water, he

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might be able to form some judgment which way it would be proper for him to steer. This was a matter of nice and arduous determination. As yet Mr. Cook was in doubt whether he should beat back to the southward, round all the shoals, or seek a passage to the eastward or the northward: nor was it possible to say whether each of these courses might not be attended with equal difficulty and danger *.

C H A P.

II.

1770.

The impartiality and humanity of Lieutenant Cook's conduct in the distribution of provisions ought not to pass unnoticed. Whatever turtle or other fish were caught, they were always equally divided among the whole ship's crew, the meanest person on board having the same share with the Lieutenant himself. He hath justly observed, that this is a rule which every commander will find it his interest to follow, in any voyage of a similar nature.

Great difficulties occurred in the navigation from the Endeavour river. On the fifth of August, the Lieutenant had not kept his course long, before shoals were discovered in every quarter, which obliged him, as night approached, to come to an anchor. In the morning of the sixth, there was so strong a gale, that our voyagers were prevented from weighing. When it was low-water, Mr. Cook, with several of his officers, kept a look-out at the mast-head, to see if any passage could be discovered be-

5 August.

* Hawkesworth, ubi supra, p. 568 — 588.

CHAP. II. 1770. between the shoals. Nothing, however, was in view excepting breakers, which extended from the south round by the east as far as to the north-west, and reached out to sea, beyond the sight of any of the gentlemen. It did not appear that these breakers were caused by one continued shoal, but by several, which lay detached from each other. On that which was farthest to the eastward the sea broke very high, so that the Lieutenant was induced to think that it was the outermost shoal. He was now convinced that there was no passage to sea, but through the labyrinth formed by these shoals; and, at the same time, he was wholly at a loss what course to steer, when the weather should permit the vessel to sail. The master's opinion was, that our navigators should beat back the way they came; but, as the wind blew strongly, and almost without intermission, from that quarter, this would have been an endless labour: and yet, if a passage could not be found to the northward, there was no other alternative. Amidst these anxious deliberations, the gale increased, and continued, with little remission, till the morning of the tenth, when, the weather becoming more moderate, our Commander weighed, and stood in for the land. He had now come to a final determination of seeking a passage along the shore to the northward *.

10 August.

* Hawkefworth, ubi supra, p. 590 — 594.

In pursuance of this resolution, the Endeavour proceeded in her course, and at noon came between the farthestmost headland that lay in sight, and three islands which were four or five leagues to the north of it, out at sea. Here our navigators thought that they saw a clear opening before them, and began to hope that they were once more out of danger. Of this hope, however, they were soon deprived; on which account the Lieutenant gave to the headland the name of CAPE FLATTERY *. After he had steered some time along the shore, for what was believed to be the open channel, the petty officer at the mast-head cried aloud that he saw land ahead, which extended quite round to the three islands, and that between the ship and them there was a large reef. Mr. Cook upon this ran up the mast-head himself, and plainly discerned the reef, which was so far to the windward that it could not be weathered. As to the land which the petty officer had supposed to be the main, our Commander was of opinion that it was only a cluster of small islands. The master and some others, who went up the mast-head after the Lieutenant, were entirely of a different opinion. All of them were positive that the land in sight did not consist of islands, but that it was a part of the main; and they rendered their report still more alarming, by adding, that they saw breakers

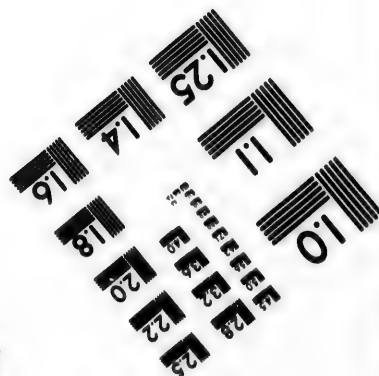
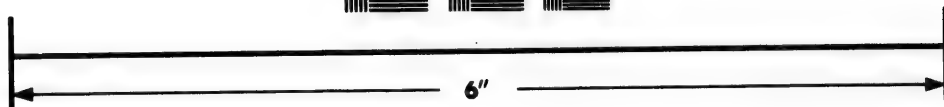
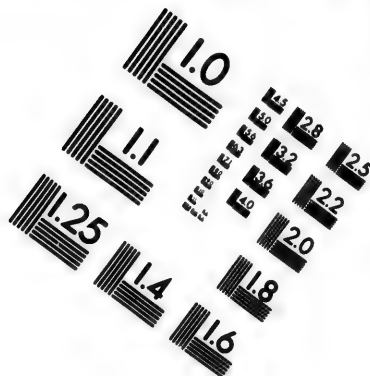
C H A P.

II.

1770.

* Cape Flattery lies in latitude $14^{\circ} 56'$ south, and in longitude $214^{\circ} 43'$ west.





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C H A P. around them on every side. In a situation so
II. critical and doubtful, Mr. Cook thought proper
1770. to come to an anchor, under a high point, which
 he immediately ascended, that he might have a
 farther view of the sea and the country. The
 prospect he had from this place, which he called
POINT LOOK-OUT, clearly confirmed him in his
 former opinion; the justness of which displayed
 one of the numerous instances wherein it was
 manifest how much he exceeded the people
 about him in the sagacity of his judgment con-
 cerning matters of navigation.

The Lieutenant, being anxious to discover
 more distinctly the situation of the shoals, and
 the channel between them, determined to visit
 the northermost and largest of the three islands
 before mentioned; which, from its height, and
 its lying five leagues out to sea, was peculiarly
 adapted to his purpose. Accordingly, in company
 with Mr. Banks, whose fortitude and curiosity
 stimulated him to take a share in every under-
 taking, he set out in the pinnace, on the
11 August. morning of the eleventh, upon this expedition.
 He sent, at the same time, the master in the
 yawl, to sound between the low islands and the
 main land. About one o'clock, the gentlemen
 reached the place of their destination, and
 immediately, with a mixture of hope and fear,
 proportioned to the importance of the business,
 and the uncertainty of the event, ascended the
 highest hill they could find. When the Lieu-
 tenant took a survey of the prospect around him,

he discovered, on the outside of the islands, and at the distance of two or three leagues from them, a reef of rocks, upon which the sea broke in a dreadful surf, and which extended farther than his sight could reach. Hence, however, he collected that there were no shoals beyond them; and, as he perceived several breaks or openings in the reef, and deep water between that and the islands, he entertained hopes of getting without the rocks. But though he saw reason to indulge, in some degree, this expectation, the haziness of the weather prevented him from obtaining that satisfactory intelligence which he ardently desired. He determined, therefore, by staying all night upon the island, to try whether the next day would not afford him a more distinct and comprehensive prospect. Accordingly, the gentlemen took up their lodging under the shelter of a bush which grew upon the beach. Not many hours were devoted by them to sleep; for at three in the morning Mr. Cook mounted the hill a second time, but had the mortification of finding the weather much more hazy than it had been on the preceding day. He had early sent the pinnace, with one of the mates, to sound between the island and reefs, and to examine what appeared to be a channel through them. The mate, in consequence of its blowing hard, did not dare to venture into the channel, which he reported to be very narrow. Nevertheless, our Commander, who judged from the description of the

CHAP.

. II.

1770.

12 August.

C H A P. place that it had been seen to disadvantage, was
II. . not discouraged by this account.

1770. While the Lieutenant was engaged in his survey, Mr. Banks, always attentive to the great object of natural history, collected some plants which he had never met with before. No animals were perceived upon the place excepting lizards; for which reason the gentlemen gave it the name of LIZARD ISLAND. In their return to the ship, they landed on a low sandy island that had trees upon it, and which abounded with an incredible number of birds, principally sea-fowl. Here they found the nest of an eagle, and the nest of some other bird, of what species they could not distinguish; but it must certainly be one of the largest kinds that exists. This was apparent from the enormous size of the nest, which was built with sticks upon the ground, and was no less than six and twenty feet in circumference, and two feet eight inches in height *. The spot which the gentlemen were now upon, they called EAGLE ISLAND.

When Lieutenant Cook got on board, he entered into a very serious deliberation concerning the course he should pursue. After considering what he had seen himself, and the master's report, he was of opinion that by keeping in with the main land, he should run the risk of

* In the twentieth volume of the Philosophical Transactions, (p. 361.) where there is a short account of New Holland, a bird's nest is mentioned, larger than that which is described above.

being locked in by the great reef, and of being compelled at last to return back in search of another passage. By the delay that would hence be occasioned, our navigators would almost certainly be prevented from getting in time to the East Indies, which was a matter of the utmost importance, and indeed of absolute necessity; for they had now not much more than three months provision on board, at short allowance. The judgment the Lieutenant had formed, together with the facts and appearances on which it was grounded, he stated to his officers, by whom it was unanimously agreed, that the best thing they could do would be to quit the coast entirely, till they could approach it again with less danger.

C H A P.

II.

1770.

In pursuance of this resolution, the Endeavour, early in the morning of the thirteenth, got under sail, and successfully passed through one of the channels or openings in the outer reef, which Mr. Cook had seen from the island. When the ship had gotten without the breakers, there was no ground within one hundred and fifty fathom, and our people found a large sea rolling in upon them from the south-east. This was a certain sign that neither land nor shoals were near them in that direction.

13 August.

So happy a change in the situation of our voyagers was sensibly felt in every breast, and was visible in every countenance. They had been little less than three months in a state that perpetually threatened them with destruction.

CHAP. II. 1770. Frequently had they passed their nights at anchor within hearing of the surge that broke over the shoals and rocks; and they knew that, if by any accident the anchors should not hold against an almost continual tempest, they must in a few minutes inevitably perish. They had sailed three hundred and sixty leagues, without once, even for a moment, having a man out of the chains heaving the lead. This was a circumstance which perhaps had never happened to any other vessel. But now, our navigators found themselves in an open sea, with deep water; and the joy they experienced was proportioned to their late danger, and their present security. Nevertheless, the very waves, which proved by their swell that our people had no rocks or shoals to fear, convinced them, at the same time, that they could not put a confidence in the ship equal to what they had done before she struck. So far were her leaks widened by the blows she received from the waves, that she admitted no less than nine inches of water in an hour. If the company had not been lately in so much more imminent danger, this fact, considering the state of the pumps, and the navigation which was still in view, would have been a matter of very serious concern.

The passage or channel, through which the Endeavour passed into the open sea beyond the reef, lies in latitude $14^{\circ} 32'$ south. It may always be known by the three high islands within it, to which, on account of the use they may be
of

of in guiding the way of future voyagers, our Commander gave the appellation of the ISLANDS OF DIRECTION.

C H A P.

II.

1770.

15 August.

It was not a long time that our navigators enjoyed the satisfaction of being free from the alarm of danger. As they were pursuing their course in the night of the fifteenth, they founded frequently, but had no bottom with one hundred and forty fathom, nor any ground with the same length of line. Nevertheless, at four in the morning of the sixteenth, they plainly heard the roaring of the surf, and at break of day saw it foaming to a vast height, at not more than the distance of a mile. The waves which rolled in upon the reef carried the vessel towards it with great rapidity; and, at the same time, our people could reach no ground with an anchor, and had not a breath of wind for the sail. In a situation so dreadful, there was no resource but in the boats; and, most unhappily, the pinnacle was under repair. By the help, however, of the long-boat and the yawl, which were sent ahead to tow, the ship's head was got round to the northward, a circumstance which might delay, if it could not prevent destruction. This was not effected till six o'clock; and our voyagers were not then a hundred yards from the rock, upon which the same billow that washed the side of the vessel broke to a tremendous height the very next time it rose. There was only, therefore, a dreary valley between the English and destruction; a valley no wider than the base of one

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wave, while the sea under them was unfathomable. The carpenter, in the mean while, having hastily patched up the pinnace, she was hoisted out, and sent a-head to tow, in aid of the other boats. But all these efforts would have been ineffectual, if a light air of wind had not sprung up, just at the crisis of our people's fate. It was so light an air, that at any other time it would not have been observed: but it was sufficient to turn the scale in favour of our navigators; and, in conjunction with the assistance which was afforded by the boats, it gave the ship a perceptible motion obliquely from the reef. The hopes of the company now revived: but in less than ten minutes a dead calm succeeded, and the vessel was again driven towards the breakers, which were not at the distance of two hundred yards. However, before the ground was lost which had already been gained, the same light breeze returned, and lasted ten minutes more. During this time, a small opening, about a quarter of a mile distant, was discovered in the reef; upon which, Mr. Cook immediately sent one of the mates to examine it, who reported that its breadth was not more than the length of the ship, but that within it there was smooth water. This discovery presented the prospect of a possibility of escape, by pushing the vessel through the opening. Accordingly, the attempt was made, but it failed of success; for when our people, by the joint assistance of their boats and the breeze, had reached the opening,

they found that it had become high-water; and, to their great surprize, they met the tide of ebb running out like a mill-stream. In direct contrariety to their expectations, some advantage was gained by this event. Though it was impossible to go through the opening, the stream which prevented the Endeavour from doing it, carried her out about a quarter of a mile; and the boats were so much assisted in towing her, by the tide of ebb, that at noon she had gained the distance of nearly two miles. However, there was yet too much reason to despair of deliverance. For even if the breeze, which had now died away, had revived, our navigators were still embayed in the reef: and the tide of ebb being spent, the tide of flood, notwithstanding their utmost efforts, drove the ship back again into her former perilous situation. Happily, about this time, another opening was perceived, nearly a mile to the westward. Our Commander immediately sent Mr. Hicks, the first lieutenant, to examine it; and in the mean while the Endeavour struggled hard with the flood, sometimes gaining and sometimes losing ground. During this severe service, every man did his duty with as much calmness and regularity as if no danger had been near. At length, Mr. Hicks returned with the intelligence that the opening, though narrow and hazardous, was capable of being passed. The bare possibility of passing it was encouragement sufficient to make the attempt; and indeed all danger was less to be dreaded by our people

C H A P.

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1770.

CHAP. than that of continuing in their present situation.

II. A light breeze having fortunately sprung up,

1770. this, in conjunction with the aid of the boats, and the very tide of flood that would otherwise have been their destruction, enabled them to enter the opening, through which they were hurried with amazing rapidity. Such was the force of the torrent by which they were carried along, that they were kept from driving against either side of the channel, which in breadth was not more than a quarter of a mile. While they were shooting this gulph, their soundings were remarkably irregular, varying from thirty to seven fathom, and the ground at bottom was foul.

As soon as our navigators had gotten within the reef, they came to an anchor; and their joy was exceedingly great at having regained a situation which three days before they had quitted with the utmost pleasure and transport. Rocks and shoals, which are always dangerous to the mariner even when they are previously known and marked, are peculiarly dangerous in seas which have never been navigated before; and in this part of the globe they are more perilous than in any other. Here they consist of reefs of coral rock, which rise like a wall almost perpendicularly out of the deep, and are always overflowed at high-water. Here, too, the enormous waves of the vast southern ocean, meeting with so abrupt a resistance, break, with inconceivable violence, in a surf which cannot be produced by

any rocks or storms in the northern hemisphere. C H A P.
 A crazy ship, shortness of provision, and a want II.
 of every necessary, greatly increased the danger 1770.
 to our present voyagers of navigating in this
 ocean. Nevertheless, such is the ardour of the
 human mind, and so flattering is the distinction
 of a first discoverer, that Lieutenant Cook and
 his companions cheerfully encountered every
 peril, and submitted to every inconvenience.
 They chose rather to incur the charge of impru-
 dence and temerity, than to leave a country
 unexplored which they had discovered, or to
 afford the least colour for its being said, that they
 were deficient in perseverance and fortitude *.
 It scarcely needs to be added, that it was the
 high and magnanimous spirit of our Commander,
 in particular, which inspired his people with so
 much resolution and vigour.

The Lieutenant, having now gotten within
 the reef, determined, whatever might be the
 consequence, to keep the main land on board
 in his future route to the northward. His reason
 for this determination was, that, if he had gone
 without the reef again, he might have been
 carried by it so far from the coast, as to prevent
 his being able to ascertain whether this country
 did, or did not, join to New Guinea; a question
 which he had fixed upon resolving, from the
 first moment that he had come within sight of
 land. To the opening through which the En-

* Hawkesworth, ubi supra, p. 595 — 607.

C H A P. deavour had passed, our Commander, with a
II. proper sense of gratitude to the supreme Being,
1770. gave the name of PROVIDENTIAL CHANNEL. In
17 August. the morning of the seventeenth, the boats had
been sent out, to see what refreshments could
be procured; and returned in the afternoon
with two hundred and forty pounds of the
meat of shellfish, chiefly of cockles. Some of
the cockles were as much as two men could
move, and contained twenty pounds of good
meat. Mr. Banks, who had gone out in his
little boat, accompanied by Dr. Solander, brought
back a variety of curious shells, and many species
of corals.

19. In the prosecution of the voyage, our people,
on the nineteenth, were encompassed on every
side with rocks and shoals: but, as they had
lately been exposed to much greater danger,
and these objects were now become familiar,
they began to regard them comparatively with
21. little concern. On the twenty-first, there being
two points in view, between which our navi-
gators could see no land, they conceived hopes
of having at last found a passage into the Indian
sea. Mr. Cook, however, that he might be
able to determine the matter with greater cer-
tainty, resolved to land upon an island which
lies at the south-east point of the passage. Accord-
ingly, he went into the boat, with a party of
men, accompanied by Mr. Banks and Dr. So-
lander. As they were getting to shore, some of
the natives seemed inclined to oppose their land-

ing, but soon walked leisurely away. The gentlemen immediately climbed the highest hill, from which no land could be seen between the south-west and west-south-west; so that the Lieutenant had not the least doubt of finding a channel through which he could pass to New Guinea. As he was now about to quit the coast of New Holland, which he had traced from latitude thirty-eight to this place, and which he was certain no European had ever seen before, he once more hoisted English colours. He had, indeed, already taken possession of several particular parts of the country. But he now took possession of the whole eastern coast, with all the bays, harbours, rivers, and islands situated upon it, from latitude 38° to latitude $10^{\circ} 1'$ south, in right of His Majesty King George the Third, and by the name of NEW SOUTH WALES. The party then fired three vollies of small arms, which were answered by the same number from the ship. When the gentlemen had performed this ceremony upon the island, which they called POSSESSION ISLAND, they reembarked in their boat, and, in consequence of a rapid ebb tide, had a very difficult and tedious return to the vessel.

On the twenty-third, the wind had come round to the south-west; and though it was but a gentle breeze, yet it was accompanied by a swell from the same quarter, which, in conjunction with other circumstances, confirmed Mr. Cook in his opinion that he had arrived to the northern extremity of New Holland, and that he had now an

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23 August.

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open sea to the westward. These circumstances afforded him peculiar satisfaction, not only because the dangers and fatigues of the voyage were drawing to a conclusion, but because it could no longer be doubted whether New Holland and New Guinea were two separate islands. The north-east entrance of the strait lies in the latitude of $10^{\circ} 39'$ south, and in the longitude of $218^{\circ} 36'$ west; and the passage is formed by the main land, and by a congeries of islands, to the north-west, called by the Lieutenant the PRINCE OF WALES'S ISLANDS, and which may probably extend as far as to New Guinea. Their difference is very great both in height and circuit, and many seemed to be well covered with herbage and wood: nor was there any doubt of their being inhabited. Our Commander was persuaded, that among these islands as good passages might be found as that through which the vessel came, and the access to which might be less perilous. The determination of this matter he would not have left to future navigators, if he had been less harrassed by danger and fatigue, and had possessed a ship in better condition for the purpose. To the channel through which he passed, he gave the name of ENDEAVOUR STREIGHTS*.

New Holland, or, as the eastern part of it was called by Lieutenant Cook, New South Wales, is the largest country in the known

* Hawkesworth, ubi supra, p. 607 — 619.

world which does not bear the name of a continent. The length of coast along which our people sailed, when reduced to a strait line, was no less than twenty-seven degrees of latitude, amounting nearly to two thousand miles. In fact, the square surface of the island is much more than equal to the whole of Europe. For a particular account of the natural and animal productions of the country, and a minute description of its inhabitants, we must refer to the voyage at large. In general, we may observe, with regard to the natives, that their number bears no proportion to the extent of their territory. So many as thirty of them had never been seen together but once, and that was at Botany Bay. Even when they appeared determined to engage the English, they could not muster above fourteen or fifteen fighting men; and it was manifest that their sheds and houses did not lie so close together, as to be capable of accommodating a larger party. Indeed our navigators saw only the sea-coast on the eastern side; between which and the western shore there is an immense tract of land that is wholly unexplored. But it is evident, from the totally uncultivated state of the country which was seen by our people, that this immense tract must either be altogether desolate, or at least more thinly inhabited than the parts which were visited. Of traffic the natives had no idea, nor could any be communicated to them. The things which were given them they received, but did not appear

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CHAP. II. 1770. to understand the signs of the English requiring a return. There was no reason to believe that they eat animal food raw. As they have no vessel in which water can be boiled, they either broil their meat upon the coals, or bake it in a hole by the help of hot stones, agreeably to the custom of the inhabitants of the South Sea islands. Fire is produced by them with great facility, and they spread it in a surprizing manner. For producing it they take two pieces of soft wood, one of which is a stick about eight or nine inches long, while the other piece is flat. The stick they shape into an obtuse point at one end, and pressing it upon the flat wood, turn it nimbly by holding it between both their hands. In doing this, they often shift their hands up and then move them down, with a view of increasing the pressure as much as possible. By this process they obtain fire in less than two minutes, and from the smallest spark they carry it to any height or extent with great speed and dexterity.

It was not possible, considering the limited intercourse which our navigators had with the natives of New South Wales, that much could be learned with regard to their language. Nevertheless, as this is an object of no small curiosity to the learned, and is, indeed, of peculiar importance in searching into the origin of the various nations that have been discovered, Mr. Cook and his friends took some pains to collect such a specimen of it as might, in a certain degree, answer the purpose. Our Com-

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mander did not quit the country without making such observations, relative to the currents and tides upon the coast, as, while they increase the general knowledge of navigation, may be of service to future voyagers. The irregularity of the tides is an object worthy of notice *.

From the coast of New South Wales the Lieutenant steered, on the twenty-third of August, for the coast of New Guinea, and on the twenty-fifth fell upon a dangerous shoal. The ship was in six fathom, but scarcely two were found, upon sounding round her, at the distance of half a cable's length. This shoal was of such an extent, reaching from the east round by the north and west to the south-west, that there was no method for the vessel to get clear of it, but by her going back the way in which she came. Here was another hair's-breadth escape; for it was nearly high-water, and there ran a short cockling sea, which if the ship had struck must very soon have bulged her. So dangerous was her situation, that if her direction had been half a cable's length more either to the right or left, she must have struck before the signal for the shoal could have been made.

It had been Lieutenant Cook's intention to steer north-west till he had made the south coast of New Guinea, and it was his purpose to touch upon it, if that could be found practicable. But

* Hawkesworth, ubi supra, p. 622, 631, 634, 638, 645, 647, 648.

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CHAP. in consequence of the shoals he met with, he
 II. altered his course, in the hope of finding a clearer
 1770. channel, and deeper water. His hope was agree-
 26 August. ably verified; for by noon, on the twenty-sixth,
 29. the depth of water was gradually increased to
 seventeen fathom*. On the twenty-eighth, our
 voyagers found the sea to be in many places
 covered with a brown scum, such as the sailors
 usually call spawn. When the Lieutenant first
 saw it he was alarmed, fearing that the ship was
 again among shoals; but the depth of water,
 upon sounding, was discovered to be equal to
 what it was in other places. The same appearance
 had been observed upon the coasts of Brazil and
 New Holland, in which cases it was at no great
 distance from the shore. Mr. Banks and Dr.
 Solander examined the scum, but could not
 determine what it was, any farther than as they
 saw reason to suppose that it belonged to the
 vegetable kingdom. The sailors, upon meeting
 with more of it, gave up the notion of its
 being spawn, and finding a new name for it,
 called it sea-sawdust.

3. Sept. At day-break, on the third of September, our
 navigators came in sight of New Guinea, and
 stood in for it, with a fresh gale, till nine o'clock,
 when they brought to, being in three fathom
 water, and within about three or four miles of
 land. Upon this the pinnace was hoisted, and

* The latitude was now $10^{\circ} 10'$ south, and the longi-
 tude $220^{\circ} 12'$ west.

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the Lieutenant set off from the ship with the boat's crew, accompanied by Mr. Banks, Dr. Solander, and Mr. Banks's servants, being in all twelve persons well armed. As soon as they came ashore, they discovered the prints of human feet, which could not long have been impressed upon the sand. Concluding, therefore, that the natives were at no great distance, and there being a thick wood which reached to within a hundred yards of the water, the gentlemen thought it necessary to proceed with caution, lest their retreat to the boat should be cut off. When they had walked some way along the skirts of the wood, they came to a grove of cocoa-nut trees, at the fruit of which they looked very wishfully; but not thinking it safe to climb, they were obliged to leave it without tasting a single nut. After they had advanced about a quarter of a mile from the boat, three Indians rushed out of the wood with a hideous shout, and as they ran towards the English, the foremost threw something out of his hand, which flew on one side of him, and burned exactly like gunpowder, though without making any report. The two other natives having at the same instant discharged their arrows, the Lieutenant and his party were under a necessity of firing, first with small shot, and a second time with ball. Upon this, the three Indians ran away with great agility. As Mr. Cook had no disposition forcibly to invade this country, either to gratify the appetites or the curiosity of his people, and was convinced

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that nothing was to be done upon friendly terms, he and his companions returned with all expedition towards their boat. When they were aboard, they rowed abreast of the natives, who had come down to the shore in aid of their countrymen, and whose number now amounted to between sixty and a hundred. Their appearance was much the same as that of the New Hollanders: they nearly resembled them in stature, and in having their hair short and cropped. Like them, also, they were absolutely naked; but the colour of their skin did not seem quite so dark, which, however, might be owing to their being less dirty. While the English gentlemen were viewing them, they were shouting defiance, and letting off their fires by four or five at a time. Our people could not imagine what these fires were, or what purposes they were intended to answer. Those who discharged them had in their hands a short piece of stick, which they swung side-ways from them, and immediately there issued fire and smoke, exactly resembling those of a musquet, and of as short a duration. The men on board the ship who observed this surprizing phenomenon, were so far deceived by it as to believe that the Indians had fire-arms. To the persons in the boat it had the appearance of the firing of vollies, without a report.

The place where this transaction happened lies in the latitude of $6^{\circ} 15'$ south, and is about sixty-five leagues to the north-east of Port Saint Au-

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gustine, or Walche Caep, and is near what is called in the charts C. de la Colta de St. Bonaventura. In every part of the coast, the land is covered with a vast luxuriance of wood and herbage. The cocoa-nut, the bread-fruit, and the plantain-tree, flourish here in the highest perfection; besides which the country abounds with most of the trees, shrubs, and plants, that are common to the South Sea islands, New Zealand, and New Holland *.

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Soon after Mr. Cook and his party had returned to the ship, our voyagers made sail to the westward, the Lieutenant having resolved to spend no more time upon this coast; a resolution which was greatly to the satisfaction of a very considerable majority of his people. Some of the officers indeed were particularly urgent that a number of men might be sent ashore, to cut down the cocoa-nut trees for the sake of their fruit. This, however, our Commander absolutely refused, as equally unjust and cruel. It was morally certain, from the preceding behaviour of the natives, that if their property had been invaded they would have made a vigorous effort to defend it; in which case the lives of many of them must have been sacrificed; and perhaps, too, several of the English would have fallen in the contest. The necessity of a quarrel with the Indians would have been regretted by the Lieutenant, even if he had been impelled to it by a

* Hawkesworth, ubi supra, p. 650 — 658.

- C H A P.** want of the necessaries of life; but to engage in
II. it for the transient gratification that would arise
1770. from obtaining two or three hundred green cocoanuts, appeared in his view highly criminal. The same calamity, at least with regard to the natives, would probably have occurred, if he had sought for any other place on the coast, to the northward and westward, where the ship might have lain so near the shore as to cover his people with the guns when they had landed. Besides, there was cause to believe, that, before such a place could have been found, our navigators would have been carried so far to the westward as to be obliged to go to Batavia, on the north side of Java. This, in Mr. Cook's opinion, would not have been so safe a passage, as that to the south of Java, through the streights of Sunda. Another reason for his making the best of his way to Batavia, was the leakiness of the vessel, which rendered it doubtful whether it would not be necessary to heave her down when she arrived at that port. Our Commander's resolution was farther confirmed by the consideration, that no discovery could be expected in seas which had already been navigated, and where the coast had been sufficiently described both by Spanish and Dutch geographers, and especially by the latter. The only merit claimed by the Lieutenant, in this part of his voyage, was the having established it as a fact beyond all controversy, that New Holland and New Guinea are two distinct countries.

Without

Without staying, therefore, on the coast of New Guinea, the Endeavour, on the same day, directed her course to the westward, in pursuing which Mr. Cook had an opportunity of rectifying the errors of former navigators. Very early in the morning of the sixth of September, our voyagers passed a small island which lay to the north-north-west; and at day-break they discovered another low island, extending from that quarter to north-north-east. Upon the last island, which appeared to be of considerable extent, the Lieutenant would have landed to examine its produce, if the wind had not blown so fresh as to render his design impracticable. Unless these two islands belong to the Arrou islands, they have no place in the charts; and if they do belong to the Arrou islands, they are laid down at too great a distance from New Guinea *. Some other land which was seen this day ought, by its distance from New Guinea, to have been part of the Arrou islands; but if any dependence can be placed on former charts, it lies a degree farther to the south.

On the seventh, when the ship was in latitude $9^{\circ} 30'$ south, and longitude $229^{\circ} 34'$ west, our people ought to have been in sight of the Weasel isles, which in the charts are laid down at the distance of twenty or twenty-five leagues from the coast of New Holland. But as our Command-

* Mr. Cook found the south part of them in latitude $7^{\circ} 6'$ south, and in longitude 225° west.

C H A P. II. er saw nothing of them, he concluded that they must have been placed erroneously. Nor will
1770. this be deemed surprizing, when it is considered that not only these islands, but the coast which bounds this sea, have been explored at different times, and by different persons, who had not all the requisites for keeping accurate journals which are now possessed; and whose various discoveries have been delineated upon charts by others, perhaps at the distance of more than a century after such discoveries had been made.

16 Sept. In pursuing their course, our navigators passed the islands of Timor, Timor-lavet, Rotte, and Seman. While they were near the two latter islands, they observed about ten o'clock at night, on the sixteenth of the month, a phenomenon in the heavens, which in many particulars resembled the Aurora Borealis, though in others it was very different. It consisted of a dull reddish light, which reached about twenty degrees above the horizon; and though its extent, at times, varied much, it never comprehended less than eight or ten points of the compass. Through, and out of the general appearance, there passed rays of light of a brighter colour, which vanished, and were renewed nearly in the same manner as those of the Aurora Borealis, but entirely without the tremulous or vibratory motion which is seen in that phenomenon. The body of this light bore south-south-east from the ship, and continued, without any diminution of its brightness, till twelve o'clock, and probably a longer time, as

the gentlemen were prevented from observing it farther, by their retiring to sleep.

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By the sixteenth, Lieutenant Cook had gotten clear of all the islands which had then been laid down in the maps as situated between Timor and Java, and did not expect to meet with any other in that quarter. But the next morning an island was seen bearing west-south-west, and at first he believed that he had made a new discovery. As soon as our voyagers had come close in with the north side of it, they had the pleasing prospect of houses and cocoa-nut trees, and of what still more agreeably surprized them, numerous flocks of sheep. Many of the people on board were at this time in a bad state of health, and no small number of them had been dissatisfied with the Lieutenant for not having touched at Timor. He readily embraced, therefore, the opportunity of landing at a place which appeared so well calculated to supply the necessities of the company, and to remove both the sickness and the discontent which had spread among them*. This place proved to be the island of SAVU, where a settlement had lately been made by the Dutch.

The great design of our Commander was to obtain provisions, which, after some difficulty, and some jealousy on the part of Mr. Lange, the Dutch Resident, were procured. These provisions were nine buffaloes, six sheep, three hogs, thirty dozen of fowls, many dozens of eggs,

* Hawkesworth, ubi supra, p. 659 — 669.

- C H A P. some cocoa-nuts, a few limes, a little garlic,
II. and several hundred gallons of palm-syrup. In
1770. obtaining these refreshments at a reasonable price,
the English were not a little assisted by an old
Indian, who appeared to be a person of considerable
authority under the king of the country. The Lieutenant
and his friends were one day very hospitably entertained
by the king himself, though the royal etiquette did not
permit his majesty to partake of the banquet*.

So little, in general, had the island of Savu been known, that Mr. Cook had never seen a map or chart in which it is clearly or accurately laid down. The middle of it lies in about the latitude of $10^{\circ} 35'$ south, and longitude $237^{\circ} 30'$ west; and from the ship it presented a prospect than which nothing can be more beautiful. This prospect, from the verdure and culture of the country, from the hills, richly clothed, which rise in a gentle and regular ascent, and from the stateliness and beauty of the trees, is delightful to a degree, that can scarcely be conceived by the most lively imagination. With regard to the productions and natives of the island, the account which our navigators were enabled to give of them, and which is copious and entertaining, was, in a great measure, derived from the information of Mr. Lange.

An extraordinary relation is given of the morals of the people of this island, and which, if

* Hawkesworth, ubi supra, p. 675 — 680.

true, must fill every virtuous mind with pleasure. Their characters and conduct are represented as irreproachable, even upon the principles of Christianity. Though no man is permitted to have more than one wife, an illicit commerce between the sexes is scarcely known among them. Instances of theft are very rare; and so far are they from revenging a supposed injury by murder, that when any difference arises between them, they immediately and implicitly refer it to the determination of their king. They will not so much as make it the subject of private debate, lest they should hence be provoked to resentment and ill-will. Their delicacy and cleanliness are suited to the purity of their morals. From the specimen which is given of the language of Savu, it appears to have some affinity with that of the South Sea Islands. Many of the words are exactly the same, and the terms of numbers are derived from the same origin*.

On the twenty-first of September, our navigators got under sail, and having pursued their voyage till the first of October, on that day they came within sight of the island of Java. During their course from Savu, Lieutenant Cook allowed twenty minutes a day for the westerly current, which he concluded must run strong at this time, especially on the coast of

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1770.

21 Sept.

10A.

* Hawkesworth, ubi supra, p. 687, 688, 694, 695, 697, 702, 703. — Parkinson's Journal of a voyage to the South seas, p. 163 — 169.

CHAP. Java; and accordingly, he found that this allowance was exactly equivalent to the effect of the current upon the ship. Such was the sagacity of our Commander's judgment in whatever related to navigation.

203. On the second, two Dutch ships being seen to lie off Anger Point, the Lieutenant sent Mr. Hicks on board one of them, to enquire news concerning England, from which our people had so long been absent. Mr. Hicks brought back the agreeable intelligence, that the Swallow, commanded by Captain Carteret, had been at Batavia two years before.
4. In the morning of the fifth, a prow came alongside of the Endeavour, with a Dutch officer, who sent down to Mr. Cook a printed paper in English, duplicates of which he had in other languages. This paper was regularly signed, in the name of the Governor and Council of the Indies, by their Secretary, and contained nine questions, very ill expressed, two of which only the Lieutenant thought proper to answer. These were what regarded the nation and name of his vessel, and
9. whither she was bound. On the ninth, our voyagers stood in for Batavia road, where they found the Harcourt Indiaman from England, two English private traders, and a number of Dutch ships. Immediately a boat came on board the Endeavour, and the officer who commanded having enquired who our people were, and whence they came instantly returned with such answers as were given him. In the mean time,

Mr. Cook sent a Lieutenant ashore to acquaint the Governor of his arrival, and to make an apology for not having saluted; a ceremony he had judged better to omit, as he could only make use of three guns, excepting the swivels, which he was of opinion would not be heard.

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1770.

It being universally agreed that the ship could not safely proceed to Europe without an examination of her bottom, our Commander determined to apply for leave to heave her down at Batavia; and for this purpose he drew up a request in writing, which, after he had waited first upon the Governor General, and then upon the Council, was readily complied with, and he was told that he should have every thing he wanted.

In the evening of the tenth, there was a dreadful storm of thunder, lightning, and rain, during which the main-mast of one of the Dutch East Indiamen was split and carried away by the deck; and the main-top-mast, and top-gallant-mast were shivered to pieces. The stroke was probably directed by an iron spindle which was at the main-top-gallant-mast-head. As this ship lay very near the Endeavour, she could scarcely have avoided sharing the same fate, had it not been for the conducting chain, which fortunately had been just gotten up, and which conveyed the lightning over the side of the vessel. But though she escaped the lightning, the explosion shook her like an earthquake; and the chain, at the same time, appeared like a line of fire. Mr.

10 00.

CHAP. II. 1770. Cook has embraced this occasion of earnestly recommending similar chains to every ship; and hath expressed his hope that all who read his narrative will be warned against having an iron spindle at the mast-head.

The English gentlemen had taken up their lodging and boarding at a hotel, or kind of inn, kept by the order of Government. Here they met with those impositions, in point of expence and treatment, which are too common to admit of much surprize. It was not long, however, that they submitted to ill usage. By a farther acquaintance with the manner of dealing with their host, and by spirited remonstrances, they procured a better furnished table. Mr. Banks, in a few days, hired a small house for himself and his party; and as soon as he was settled in his new habitation, sent for Tupia, who had hitherto continued on board on account of sickness. When he quitted the ship, and after he came into the boat, he was exceedingly lifeless and dejected; but no sooner did he enter the town than he appeared to be inspired with another soul. A scene so entirely new and extraordinary filled him with amazement. The houses, carriages, streets, people, and a multiplicity of other objects, rushing upon him at once, produced an effect similar to what is ascribed to enchantment. His boy, Tayeto, expressed his wonder and delight in a still more rapturous manner. He danced along the streets in a kind of extasy, examining every object with a restless and eager

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curiosity; which was excited and gratified every moment. Tupia's attention was particularly excited by the various dresses of the passing multitude; and when he was informed that at Batavia every one wore the dress of his own country, he expressed his desire of appearing in the garb of Otaheite. Accordingly, South Sea cloth being sent for from the ship, he equipped himself with great expedition and dexterity.

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Lieutenant Cook imagined that at Batavia he should find it easy to take up what money he might want for repairing and refitting the Endeavour; but in this he was mistaken. No private person could be found who had ability and inclination to furnish the sum which was necessary. In this exigency, the Lieutenant had recourse, by a written request, to the Governor, from whom he obtained an order for being supplied out of the Dutch company's treasury.

When our voyagers had been only nine days at Batavia, they began to feel the fatal effects of the climate and situation. Tupia, after his first flow of spirits had subsided, grew every day worse and worse; and Tayeto was seized with an inflammation upon his lungs. Mr. Banks and Dr. Solander were attacked by fevers, and, in a little time, almost every person, both on board and on shore, was sick. The distress of our people was indeed very great, and the prospect before them discouraging in the highest degree. Tupia, being desirous of breathing a freer air than among the numerous houses that obstructed

C H A P. it ashore, had a tent erected for him on Cooper's
 II. Island, to which he was accompanied by Mr.
 1770. Banks, who attended this poor Indian with the
 greatest humanity, till he was rendered incapable
 of doing it, by the violent increase of his own
 disorder. On the fifth of November, Mr. Monk-
 house, the surgeon of the ship, a sensible, skilful
 man, whose loss was not a little aggravated by
 the situation of the English, fell the first sacrifice
 to this fatal country. Tayeto died on the ninth,
 5 Nov. and Tupia, who loved him with the tenderness
 9. of a parent, sunk at once after the loss of the
 boy, and survived him only a few days. The
 disorders of Mr. Banks and Dr. Solander grew
 to such a height, that the physician declared they
 had no chance of preserving their lives but by
 removing into the country. Accordingly, a
 house was hired for them at the distance of about
 two miles from the town; where, in consequence
 of enjoying a purer air, and being better nursed
 by two Malayan women, whom they had
 bought, they recovered by slow degrees. At
 length, Lieutenant Cook was himself taken ill;
 and out of the whole ship's company, not more
 than ten were able to do duty.

In the midst of these distresses, our Commander
 was diligently and vigorously attentive to the
 repair of his vessel. When her bottom came to
 be examined, she was found to be in a worse
 condition than had been apprehended. Her false
 keel and main keel were both of them greatly
 injured; a large quantity of the sheathing was

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torn off; and among several planks which were much damaged, two of them, and the half of a third, were so worn for the length of six feet, that they were not above the eighth part of an inch in thickness: and here the worms had made way quite into the timbers. In this state the Endeavour had sailed many hundred leagues, in a quarter of the globe where navigation is dangerous in the highest degree. It was happy for our voyagers that they were ignorant of their perilous situation; for it must have deeply affected them, to have known that a considerable part of the bottom of the vessel was thinner than the sole of a shoe, and that all their lives depended upon so slight and fragile a barrier between them and the unfathomable ocean.

The repair of the Endeavour was carried on very much to Mr. Cook's satisfaction. In justice to the Dutch officers and workmen, he hath declared that, in his opinion, there is not a marine yard in the world, where a ship can be laid with more convenience, safety, and dispatch, or repaired with greater diligence and skill. He was particularly pleased with the manner of heaving down by two masts, and gives it a decided preference to the method which had hitherto been practised by the English. The Lieutenant was not one of those on whom the bigotry could be charged of adhering to old customs, in opposition to the dictates of reason and experience.

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II.

1770.

8 Dec.

24.

By the eighth of December, the Endeavour was perfectly refitted. From that time to the twenty-fourth, our people were employed in completing her stock of water, provisions, and stores, in erecting some new pumps, and in various other necessary operations. All this business would have been effected much sooner, if it had not been retarded by the general sickness of the men.

In the afternoon of the twenty-fourth, our Commander took leave of the Governor of Batavia, and of several other gentlemen belonging to the place, with whom he had formed connexions, and to whom he had been greatly obliged for their civilities and assistance. In the mean while, an accident intervened, which might have been attended with disagreeable effects. A seaman, who had run away from one of the Dutch ships in the road, entered on board the Endeavour. Upon his being reclaimed as a subject of Holland, Mr. Cook, who was on shore, declared, that, if the man appeared to be a Dutchman, he should certainly be delivered up. When, however, the order was carried to Mr. Hicks, who commanded on board, he refused to surrender the seaman, alleging, that he was a subject of Great Britain, born in Ireland. In this conduct Mr. Hicks acted in perfect conformity to the Lieutenant's intention and directions. The captain of the Dutch vessel, in the next place, by a message from the Governor General, demanded the man as a subject of Denmark.

To this Mr. Cook replied, that there must be some mistake in the General's message, since he would never demand of him a Danish seaman, whose only crime was that of preferring the English to the Dutch service. At the same time the Lieutenant added, that to shew the sincerity of his desire to avoid disputes, if the man was a Dane he should be delivered up as a courtesy; but that if he appeared to be an English subject, he should be kept at all events. Soon after, a letter was brought from Mr. Hicks, containing indubitable proofs that the seaman in question was a subject of his Britannic majesty. This letter Mr. Cook sent to the Governor, with an assurance to his Excellency that he would not part with the man on any terms. A conduct so firm and decisive produced the desired effect, no more being heard of the affair.

In the evening of the twenty-fifth, our Commander went on board, together with Mr. Banks and the rest of the gentlemen who had resided constantly on shore. The gentlemen, though considerably better, were far from being perfectly recovered. At this time, the sick persons in the ship amounted to forty, and the rest of the company were in a very feeble condition. It was remarkable, that every individual had been ill excepting the sail-maker, who was an old man between seventy and eighty years of age, and who was drunk every day, during the residence of our people at Batavia. Three seamen, and Mr. Green's servant, died, besides the sur-

C H A P.
II.
1770.

25 Dec.

CHAP. geon, Tupia, and Tayeto. Tupia did not
 II. entirely fall a sacrifice to the unwholesome,
 1770. stagnant, and putrid air of the country. As he
 had been accustomed, from his birth, to subsist
 chiefly upon vegetable food, and particularly on
 ripe fruit, he soon contracted the disorders which
 are incident to a sea life, and would probably
 have sunk under them, before the voyage of the
 English could have been completed, even if they
 had not been obliged to go to Batavia to refit
 their vessel *.

Our navigators did not stay at this place
 without gaining an extensive acquaintance with
 the productions of the country, and the manners
 and customs of the inhabitants. The information
 which was obtained on these heads is detailed
 at large in Dr. Hawkesworth's narrative, and
 will be found to constitute a very valuable addi-
 tion to what was heretofore known upon the
 subject.

27 Dec. On Thursday the twenty-seventh of December,
 1771. the Endeavour stood out to sea; and on the fifth
 5 January. of January, 1771, she came to an anchor, under
 the south-east side of Prince's island. The design
 of this was to obtain a recruit of wood and
 water, and to procure some refreshments for the
 sick, many of whom had become much worse
 than they were when they left Batavia. As
 soon as the vessel was secured, the Lieutenant,
 Mr. Banks, and Dr. Solander went on shore,

* Hawkesworth, ubi supra, p. 704 — 723.

and were conducted, by some Indians they met with, to a person who was represented to be the king of the country. After exchanging a few compliments with his majesty, the gentlemen proceeded to business, but could not immediately come to a settlement with him, in respect to the price of turtle. They were more successful in their search of a watering-place, having found water conveniently situated, and which they had reason to believe would prove good. As they were going off, some of the natives sold them three turtles, under a promise that the king should not be informed of the transaction.

On the next day, a traffic was established with the Indians, upon such terms as were offered by the English; so that by night our people had plenty of turtle. The three which had been purchased the evening before, were in the meantime dressed for the ship's company, who, excepting on the preceding day, had not, for nearly the space of four months, been once served with salt provisions. Mr. Banks, in the evening, paid his respects to the king at his palace, which was situated in the middle of a rice field. His majesty was busily employed in dressing his own supper; but this did not prevent him from receiving his visitant in a very gracious manner. During the following days, the commerce with the natives for provisions was continued; in the course of which they brought down to the trading place, not only a quantity of turtle, but

CHAP.

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1771.

CHAP. fowls, fish, monkies, small deer, and some
II. vegetables.

1771.

11 Jan.

On the evening of the eleventh, when Mr. Cook went on shore to see how those of his people conducted their business who were employed in wooding and watering, he was informed that an axe had been stolen. As it was a matter of consequence to prevent others from being encouraged to commit thefts of the like kind, he resolved not to pass over the offence, but to insist upon redress from the king. Accordingly, after some altercation, his majesty promised that the axe should be restored in the morning, and the promise was faithfully performed.

15.

On the fifteenth, our Commander weighed, and stood out for sea*. Prince's island, where he lay about ten days, was formerly much frequented by the India ships of many nations, and especially those of England; but it had lately been forsaken, on account of the supposed badness of its water. This supposition, however, arose from a want of duly examining the brook by which the water is supplied. It is, indeed, brackish at the lower part of the brook, but higher up it will be found excellent. The Lieutenant, therefore, was clearly of opinion, that Prince's island is a more eligible place for ships

* Java Head, from which the Lieutenant took his departure, lies in latitude $6^{\circ} 49'$ south, and in longitude $253^{\circ} 12'$ west.

to touch at, than either at North Island or New Bay; from neither of which places any considerable quantity of other refreshments can be procured.

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1771:

As the Endeavour proceeded on her voyage to the Cape of Good Hope, the seeds of disease, which had been received at Batavia, appeared with the most threatening symptoms, and reduced our navigators to a very melancholy situation. The ship was, in fact, nothing better than an hospital, in which those who could go about were not sufficient for a due attendance upon those who were sick. Lest the water which had been taken in at Prince's Island should have had any share in adding to the disorder of the men, the Lieutenant ordered it to be purified with lime; and as a farther remedy against infection, he directed all the parts of the vessel between the decks to be washed with vinegar. The malady had taken too deep root to be speedily eradicated. Mr. Banks was reduced so low by it, that for some time there was no hope of his life; and so fatal was the disease to many others, that almost every night a dead body was committed to the sea. There were buried, in about the course of six weeks, Mr. Sporing, a gentleman who was one of Mr. Banks's assistants, Mr. Parkinson, his natural history painter, Mr. Green the astronomer *, the boatswain, the

* Mr. Charles Green (the youngest son of Mr. Joshua Green of Swinton, near Rotherham, in Yorkshire, a con-

CHAP. carpenter and his mate, Mr. Monkhouse the
II. midshipman, another midshipman, the old jolly

1771.

siderable farmer, and a freeholder of the county) was born in the year 1735. The principal part of his education he derived from his eldest brother, the Rev. John Green, late of Denmark Street, Soho. Mr. John Green was master of a school in that place, and, after some time, took in his brother Charles, as an assistant teacher. In this situation, he made such a progress in astronomical knowledge, that, in the latter end of the year 1760, he became assistant to Dr. Bradley, at the Royal Observatory, at Greenwich. This was upon the occasion of Mr. Charles Mason's having quitted that office, to go to the Cape of Good Hope, for the purpose of observing the transit of Venus, in 1761. With Dr. Bradley Mr. Green remained at the observatory, till the Doctor's death, which happened in 1762. Upon Mr. Bliss's appointment to the place of Astronomer Royal, Mr. Green continued to be assistant to that gentleman. As Mr. Bliss's health was very precarious, and his residence chiefly at Oxford, the principal care of the observations devolved on Mr. Green. Indeed, he was so useful to Mr. Bliss, that when, in 1763, in conjunction with Dr. Maskelyne, he was appointed by the Commissioners of the Board of Longitude to go to Barbadoes, to make observations for the trial of Mr. Harrison's time-keeper, it was agreed that a temporary assistant only should be provided at Greenwich, till his return. Accordingly, he remained at the observatory till the death of Mr. Bliss, in September, 1764, and the appointment of Dr. Maskelyne, in the spring following. After this, he was employed by a number of gentlemen, who had formed a scheme of bringing water from some part of the river Coln,* below Uxbridge, to Marybone. But Mr. Green having proved, by his survey, that there would be a deficiency of fall, if the water should be taken from the tail of the lowest mill in that stream, and objections being raised, by the proprietors of those mills, to the water's

fail-maker and his assistant, the ship's cook, the corporal of the marines, two of the carpenter's

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1771.

being taken above them, the design dropped. Mr. Green's appointment, by the Royal Society, to observe, together with Lieutenant Cook, the transit of Venus in 1769, having already been related in the course of this work, it is sufficient to add, that he fell a martyr to the unwholesome air of Batavia; for though he lived to quit that place, he died twelve days afterwards, of a dysentery, on the 29th of January, 1771.

Mr. Green was tolerably well versed in most branches of the mathematics, and had a tincture of various other sciences. Metaphysical enquiries were his favourite pursuits; and he was more fond of displaying his knowledge in this respect than was conducive to his advantage. Though he loved his friend much, he sometimes shewed that he loved his jest better, by which he made himself enemies. He was a most excellent observer. Of this Dr. Maskelyne was so well convinced, that, though they had disagreed at Barbadoes, and were not afterwards on terms of friendship, the Doctor not only proposed him to the Royal Society, as the most proper person to observe the transit of Venus, but supported his interest with great earnestness, against some others of the Society, who wished to send out a different person. The observations of Mr. Green which particularly related to the transit of Venus, were printed in conjunction with those of Lieutenant Cook. His remaining ones, which are pretty numerous, are now preparing for publication, under the direction of the Commissioners of Longitude. Mr. Green was engaged for a time, in concert with Dr. Scott, the present Rector of Simonburn, Mr. Falconer, the author of the Shipwreck, and some other persons, in writing a dictionary of arts and sciences; but he did not continue his assistance through more than half the work. Mr. Green, as a reward for his going to Barbadoes, had been appointed purser of the Au-

CHAP. crew, and nine seamen. In all, the loss amounted
 II. to three and twenty persons, besides the seven
 1771. who died at Batavia *. It is probable that these
 calamitous events, which could not fail of
 making a powerful impression on the mind of
 Lieutenant Cook, might give occasion to his
 turning his thoughts more zealously to those
 methods of preserving the health of seamen,
 which he afterwards pursued with such remark-
 able success.

13 March On Friday the fifteenth of March, the En-
 deavour arrived off the Cape of Good Hope;
 and as soon as she was brought to an anchor,
 our Commander waited upon the Governor, from
 whom he received assurances that he should be
 furnished with every supply which the country
 could afford. His first care was to provide a
 proper place for the sick, whose number was
 not small; and a house was speedily found,
 where it was agreed that they should be lodged
 and boarded at the rate of two shillings a day
 for each person.

rora frigate, which was afterwards made choice of to carry
 Mr. Vanlittart, and the other Supervisors, out to India.
 As Mr. Green was then absent with Lieutenant Cook, his
 old colleague, Mr. Falconer, applied to the Commis-
 sioners of the Navy, for leave to exchange the Bristol, to
 which he belonged, for the Aurora. In consequence of
 this he was lost with her; and, probably, at no great
 distance, either of time or space, from where the body
 of her quondam partner, Mr. Green, was committed to
 the deep. [From the information of Mr. Wales.]

* Hawkesworth, ubi supra, p. 767 — 772, 779, 780.

The run from Java Head to the Cape of Good Hope did not furnish many subjects of remark that could be of any great use to future voyagers. Such observations, however, as occurred to him the Lieutenant has been careful to record, not being willing to omit the least circumstance that may contribute to the safety and facility of navigation.

The Cape of Good Hope had been so often described before our people stopped there, that even if it had entered into my plan to give a particular account of the countries visited by Mr. Cook, and of the manners of their inhabitants, I should have omitted what Dr. Hawkesworth hath related concerning the place. It is sufficient, therefore, to say, that the Lieutenant, having lain at the Cape to recover the sick, to procure stores, and to refit his vessel, till the fourteenth of April, then stood out of the Bay, and proceeded in his voyage homeward. In the morning of the twenty-ninth, he crossed his first meridian, having circumnavigated the globe in the direction from east to west. The consequence of this was, that he had lost a day, an allowance for which had been made at Batavia. On the first of May he arrived at St. Helena, where he staid till the fourth to refresh; during which time Mr. Banks employed himself in making the complete circuit of the Island, and in visiting the places most worthy of observation.

The manner in which slaves are described as being treated in this island must be mentioned

CHAP.

II.

1771.

14 April.

29.

1 May.

CHAP. with indignation. According to our Commander's
 II representation, while every kind of labour is
 1771. performed by them, they are not furnished either
 with horses or with any of the various machines
 which art has invented to facilitate their task.
 Carts might conveniently be used in some parts,
 and where the ground is too steep for them,
 wheelbarrows might be employed to great
 advantage; and yet there is not a wheelbarrow
 in the whole island. Though every thing which
 is conveyed from place to place is done by
 slaves alone, they have not the simple con-
 venience of a porter's knot, but carry their
 burden upon their heads. They appeared to be a
 miserable race, worn out by the united opera-
 tion of excessive labour and ill usage; and Mr.
 Cook was sorry to observe, and to say, that
 instances of wanton cruelty were much more
 frequent among his countrymen at St. Helena,
 than among the Dutch, who are generally
 reproached with want of humanity, both at
 Batavia and the Cape of Good Hope *. It is
 impossible for a feeling mind to avoid being
 concerned that such an account should be given
 of the conduct of any who are entitled to the
 name of Britons. The Lieutenant's reproof, if
 just, hath, it may be hoped, long before this
 reached the place, and produced some good
 effect †. If slavery, that disgrace to religion, to

* Hawkesworth, ubi supra, p. 781 — 784, 794, 797.

† Near the conclusion of Captain Cook's second voyage,
 there is the following short note. "In the account given
 of St. Helena, in the narrative of my former voyage,

humanity, and, I will add, to found policy, CHAP.
must still be continued, every thing ought to II.
be done which can tend to soften its horrors. 1771.

When our Commander departed from St. Helena, on the fourth, it was in company with the Portland man of war, and twelve Indiamen. With this fleet he continued to sail till the tenth, when perceiving that the Endeavour proceeded much more heavily than any of the other vessels, and that she was not likely to get home so soon as the rest, he made a signal to speak with the Portland. Upon this Captain Elliot himself came on board, and Mr. Cook delivered to him the common log-books of his ship, and the journals of some of the officers. The Endeavour, however, kept in company with the fleet till the morning of the twenty-third, at which time there was not a single vessel in sight. On that day died Mr. Hicks, and in the evening his body was committed to the sea, with the usual ceremonies. Mr. Charles Clerke, a young man extremely well qualified for the station, and whose name will hereafter frequently occur, received an order from Mr. Cook to act as Lieutenant in Mr. Hicks's room.

"I find some mistakes. Its inhabitants are far from exercising a wanton cruelty over their slaves; and they have had wheel-carriages and porters knots for many years." [vol. ii. p. 270.] This note I insert with pleasure. Nevertheless, I cannot think that the Lieutenant could have given so strong a representation of things, if, at the time in which it was written, it had been wholly without foundation.

- CHAP. The rigging and sails of the ship were now
 11. become so bad, that something was continually
 1771. giving way. Nevertheless, our Commander pur-
 10 June. sued his course in safety; and on the tenth of
 June, land, which proved to be the Lizard, was
 discovered by Nicholas Young, the boy who
 11. had first seen New Zealand. On the eleventh,
 12. the Lieutenant ran up the channel. At six the
 next morning he passed Beachy Head; and in the
 afternoon of the same day he came to an anchor
 in the Downs, and went on shore at Deal*.

Thus ended Mr.* Cook's first voyage round
 the world, in which he had gone through so
 many dangers, explored so many countries, and
 exhibited the strongest proofs of his possessing an
 eminently sagacious and active mind; a mind that
 was equal to every perilous enterprize, and to
 the boldest and most successful efforts of naviga-
 tion and discovery.

* Hawkesworth, *ubi supra*, p. 798, 799.

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CHAPTER THE THIRD.

The History of Captain Cook's Life, from the End of his first, to the Commencement of his second Voyage round the World.

THE manner in which Lieutenant Cook had performed his circumnavigation of the globe, justly entitled him to the protection of Government, and the favour of his Sovereign. Accordingly, he was promoted to be a Commander in his Majesty's navy, by commission bearing date on the twenty-ninth of August, 1771*. Mr. Cook, on this occasion, from a certain consciousness of his own merit, wished to have been appointed a Post Captain. But the Earl of Sandwich, who was now at the head of the Admiralty Board, though he had the greatest regard for our navigator, could not concede to his request, because a compliance with it would have been inconsistent with the order of the naval service. The difference was in point of rank only, and not of advantage. A Commander has the same pay as a Post Captain, and his authority is the same when he is in actual employment. The distinction is a necessary step in the progress to the higher honours of the profession†.

CHAP.

III.

1771.

29 August.

* From the books of the Admiralty.

† From the information of the Right Honourable the Earl of Sandwich.

CHAP.

III.

1772.

21 May.

It cannot be doubted, but that the President and Council of the Royal Society were highly satisfied with the manner in which the transit of Venus had been observed. The papers of Mr. Cook and Mr. Green, relative to this subject, were put into the hands of the Astronomer Royal, to be by him digested, and that he might deduce from them the important consequences to science which resulted from the observation. This was done by him with an accuracy and ability becoming his high knowledge and character. On the twenty-first of May, 1772, Captain Cook communicated to the Royal Society, in a letter addressed to Dr. Maskelyne, an "account of the flowing of the tides in the South Sea, as observed on board His Majesty's bark, the Endeavour*."

The reputation our navigator had acquired by his late voyage was deservedly great; and the desire of the public to be acquainted with the new scenes and new objects which were now brought to light, was ardently excited. It is not surprizing, therefore, that different attempts were made to satisfy the general curiosity. There soon appeared a publication, entitled, "a Journal of a Voyage round the World." This was the production of some person who had been upon the expedition; and, though his account was dry and imperfect, it served, in a certain degree, to relieve the eagerness of enquiry. The journal of Sydney

* Philosophical Transactions, vol. lxii. p. 357, 358.

Parkinson, draughtsman to Sir Joseph Banks, to whom it belonged by ample purchase, was likewise printed, from a copy surreptitiously obtained; but an injunction from the Court of Chancery for some time prevented its appearance. This work, though dishonestly given to the world, was recommended by its plates. But it was Dr. Hawkesworth's account of Lieutenant Cook's voyage which completely gratified the public curiosity. This account, which was written by authority, was drawn up from the journal of the Lieutenant, and the papers of Sir Joseph Banks; and, besides the merit of the composition, derived an extraordinary advantage from the number and excellence of its charts and engravings, which were furnished at the expence of Government. The large price given by the booksellers for this work, and the avidity with which it was read, displayed, in the strongest light, the anxiety of the nation to be fully informed in every thing that belonged to the late navigation and discoveries.

Captain Cook, during his voyage, had sailed over the Pacific Ocean in many of those latitudes in which a southern continent had been expected to lie. He had ascertained that neither New Zealand nor New Holland were parts of such a continent. But the general question concerning its existence had not been determined by him, nor did he go out for that purpose, though some of the reasons on which the notion of it had been adopted were dispelled in the course

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CHAP. of his navigation. It is well known how fondly
 III. the idea of a *Terra Australis incognita* had for nearly two centuries been entertained. Many plausible philosophical arguments had been urged in its support, and many facts alleged in its favour. The writer of this narrative fully remembers how much his imagination was captivated, in the more early part of his life, with the hypothesis of a southern continent. He has often dwelt upon it with rapture, and been highly delighted with the authors who contended for its existence, and displayed the mighty consequences which would result from its being discovered. Though his knowledge was infinitely exceeded by that of some able men who had paid a particular attention to the subject, he did not come behind them in the sanguineness of his hopes and expectation. Every thing however, which relates to science must be separated from fancy, and brought to the test of experiment: and here was an experiment richly deserving to be tried. The object, indeed, was of peculiar magnitude, and worthy to be pursued by a great prince, and a great nation.

Happily, the period was arrived in Britain for the execution of the most important scientific designs. A regard to matters of this kind, though so honourable to crowned heads, had heretofore been too much neglected even by some of the best of our princes. Our present Sovereign had already distinguished his reign by his patronage of science and literature; but the beginnings which had hitherto been made were only the

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pledges of future munificence. With respect to the object now in view, the gracious dispositions of His Majesty were ardently seconded by the noble Lord who had been placed at the head of the Board of Admiralty. The Earl of Sandwich was possessed of a mind which was capable of comprehending and encouraging the most enlarged views and schemes with regard to navigation and discovery. Accordingly, it was by his particular recommendation that a resolution was formed for the appointment of an expedition, finally to determine the question concerning the existence of a southern continent *. Quiros seems to have been the first person who had any idea that such a continent existed, and he was the first that was sent out for the sole purpose of ascertaining the fact. He did not succeed in the attempt; and the attempts of various navigators, down to the present century, were equally unsuccessful *.

When the design of accomplishing this great object was resolved upon, it did not admit of any hesitation by whom it was to be carried into execution. No person was esteemed equally qualified with Captain Cook, for conducting

* Mr. Dalrymple had renewed the attention of the public to this object by his historical collection, in two volumes, quarto, of the several voyages and discoveries in the South Pacific Ocean. The first volume appeared in 1770, and the second in 1771.

* Introduction to the Voyage towards the South Pole, and round the World, p. xi.

- C H A P. an enterprize the view of which was to give
 III. the utmost possible extent to the geography of
 1771. the globe, and the knowledge of navigation.
 For the greater advantage of the undertaking,
 it was determined that two ships should be
 employed; and much attention was paid to the
 choice of them, and to their equipment for the
 service. After mature deliberation by the Navy
 Board, during which particular regard was had
 to the Captain's wisdom and experience, it was
 agreed, that no vessels were so proper for dis-
 coveries in distant unknown parts, as those which
 were constructed like the Endeavour. This opi-
 nion concurring with that of the Earl of Sand-
 wich, the Admiralty came to a resolution, that
 two ships should be provided of a similar con-
 struction. Accordingly, two vessels, both of
 which had been built at Whitby, by the same
 person who built the Endeavour, were purchased
 of Captain William Hammond, of Hull. They
 were about fourteen or sixteen months old at
 the time when they were bought, and, in
 Captain Cook's judgment, were as well adapted
 to the intended service as if they had been ex-
 pressly constructed for that purpose. The largest
 of the two, which consisted of four hundred
 and sixty two tons burthen, was named the
 Resolution. To the other, which was three
 hundred and thirty-six tons burthen, was given
 the name of the Adventure. On the twenty-
 eighth of November, 1771, Captain Cook was
 appointed to the command of the former; and,

23 Nov.

about the same time, Mr. Tobias Furneaux was promoted to the command of the latter. The complement of the *Resolution*, including officers and men, was fixed at a hundred and twelve persons; and that of the *Adventure*, at eighty-one. In the equipment of these ships, every circumstance was attended to that could contribute to the comfort and success of the voyage. They were fitted in the most complete manner, and supplied with every extraordinary article which was suggested to be necessary or useful. Lord Sandwich, whose zeal was indefatigable upon this occasion, visited the vessels from time to time, to be assured that the whole equipment was agreeable to his wishes, and to the satisfaction of those who were to engage in the expedition. Nor were the Navy and Victualling Boards wanting in procuring for the ships the very best of stores and provisions, with some alterations in the species of them, that were adapted to the nature of the enterprize; besides which, there was an ample supply of antiscorbutic articles, such as malt, four krout, salted cabbage, portable broth, faloup, mustard, marmalade of carrots, and inspissated juice of wort and beer.

No less attention was paid to the cause of science in general. The Admiralty engaged Mr. William Hodges, an excellent landscape painter, to embark in the voyage, in order to make drawings and paintings of such objects as could not so well be comprehended from written

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1771.

CHAP. descriptions. Mr. John Reinhold Forster and his
 III. son were fixed upon to explore and collect the
 1771. natural history of the countries which might be
 visited, and an ample sum was granted by par-
 liament for the purpose. That nothing might be
 wanting to accomplish the scientific views of
 the expedition, the Board of Longitude agreed
 with Mr. William Wales and Mr. William
 Bayley, to make astronomical observations. Mr.
 Wales was stationed in the *Resolution*, and Mr.
 Bayley in the *Adventure*. By the same Board
 they were furnished with the best of instruments,
 and particularly with four time-pieces, three
 constructed by Mr. Arnold, and one by Mr.
 Kendal on Mr. Harrison's principles*.

Though Captain Cook had been appointed
 to the command of the *Resolution* on the twenty-
 28 Nov. eighth of November, 1771, such were the pre-
 parations necessary for so long and im- at a
 1772. voyage, and the impediments which occasionally
 9 April. and unavoidably occurred, that the ship did not
 fail from Deptford till the ninth of April follow-
 10 May. ing, nor did she leave long Reach till the tenth
 of May. In plying down the river, it was found
 necessary to put into Sheerness, in order to make
 some alterations in her upper works. These the
 officers of the yard were directed immediately
 to take in hand; and Lord Sandwich and Sir
 Hugh Palliser came down to see them executed
 in the most effectual manner. The ship being

* General Introduction, ubi supra, p. xxiii—xxxv.
 again

again completed for sea by the twenty-second of June, Captain Cook on that day sailed from Sheerness, and, on the third of July, joined the Adventure in Plymouth Sound. Lord Sandwich, in his return from a visit to the dock-yards, having met the Resolution on the preceding evening, his Lordship and Sir Hugh Palliser gave the last mark of their great attention to the object of the voyage, by coming on board, to assure themselves that every thing was done which was agreeable to our Commander's wishes, and that his vessel was equipped entirely to his satisfaction.

At Plymouth Captain Cook received his instructions; with regard to which, without entering into a minute detail of them, it is sufficient to say, that he was sent out upon the most enlarged plan of discovery that is known in the history of navigation. He was instructed not only to circumnavigate the whole globe, but to circumnavigate it in high southern latitudes, making such traverses, from time to time, into every corner of the Pacific Ocean not before examined, as might finally and effectually resolve the much agitated question about the existence of a southern continent, in any part of the southern hemisphere to which access could be had by the efforts of the boldest and most skilful navigators*.

* Cook's Voyage towards the South Pole, and round the World, p. 1, 2. — Introduction to the Voyage to the Pacific Ocean, p. xix.

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1772.

22 June.

3 July.

CHAPTER THE FOURTH

The History of Captain Cook's Life during his second Voyage round the World.

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1772.

15 July.

22.

1 Aug.

ON the thirteenth of July, Captain Cook sailed from Plymouth, and on the twenty-ninth of the same month anchored in Funchiale Road, in the island of Madeira. Having obtained a supply of water, wine, and other necessaries at that island, he left it on the first of August, and sailed to the southward. As he proceeded in his voyage, he made three puncheons of beer of the inspissated juice of malt; and the liquor produced was very brisk and drinkable. The heat of the weather, and the agitation of the ship, had hitherto withstood all the endeavours of our people to prevent this juice from being in a high state of fermentation. If it could be kept from fermenting, it would be a most valuable article at sea.

The Captain having found that his stock of water would not last to the Cape of Good Hope, without putting his men to a scanty allowance, resolved to stop at St. Jago, one of the Cape de Verd islands, for a supply. At Port Praya, in this island, he anchored on the tenth of August, and by the fourteenth had completed his water, and procured some other refreshments; upon which he set sail, and prosecuted his course. He

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embraced the occasion, which his touching at St. Jago afforded him, of giving such a delineation and description of Port Praya, and of the supplies there to be obtained, as might be of service to future navigators.

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1772.

20 Aug.

On the twentieth of the month, the rain poured down upon our voyagers, not in drops, but in streams; and the wind, at the same time, being variable and rough, the people were obliged to attend so constantly upon the decks, that few of them escaped being completely soaked. This circumstance is mentioned to shew the method that was taken by Captain Cook to preserve his men from the evil consequences of the wet to which they had been exposed. He had every thing to fear from the rain, which is a great promoter of sickness in hot climates. But to guard against this effect, he pursued some hints that had been suggested to him by Sir Hugh Palliser and Captain Campbell, and took care that the ship should be aired and dried with fires made between the decks, and that the damp places of the vessel should be smoked; beside which, the people were ordered to air their bedding, and to wash and dry their clothes, whenever there was an opportunity. The result of these precautions was, that there was not one sick person on board the Resolution.

Captain Cook, on the eighth of September, crossed the line in the longitude of 8° west, and proceeded, without meeting any thing remarkable, till the eleventh of October, when at 6^h

8 Sept.

11 October.

CH'AP. 24^m 12^s, by Mr. Kendal's watch, the moon rose
IV. about four digits eclipsed, soon after which the
1772. gentlemen prepared to observe the end of the
eclipse. The observers were, the Captain him-
self, and Mr. Forster, Mr. Wales, Mr. Pickerf-
gill, Mr. Gilbert, and Mr. Harvey.

Our Commander had been informed, before
he left England that, he sailed at an improper
season of the year, and that he should meet with
much calm weather, near and under the line.
But though such weather may happen in some
years, it is not always, or even generally, to
be expected. So far was it from being the case
with Captain Cook, that he had a brisk south-
west wind in those very latitudes where the
calms had been predicted: nor was he exposed
to any of the tornadoes, which are so much spok-
en of by other navigators. On the twenty-
ninth of the month, between eight and nine
o'clock at night, when our voyagers were near
the Cape of Good Hope, the whole sea, within
the compass of their sight, became at once, as
it were, illuminated. The Captain had been
formerly convinced, by Mr. Banks and Dr.
Solander, that such appearances in the ocean
were occasioned by insects. Mr. Forster, how-
ever, seemed disposed to adopt a different opini-
on. To determine the question, our Commander
ordered some buckets of water to be drawn up
from along-side the ship, which were found
full of an innumerable quantity of small globular
insects, about the size of a common pin's head,

and quite transparent. Though no life was perceived in them, there could be no doubt of their being living animals, when in their own proper element; and Mr. Forster became now well satisfied that they were the cause of the sea's illumination *.

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On the thirtieth, the Resolution and Adventure anchored in Table Bay; soon after which Captain Cook went on shore, and, accompanied by Captain Furneaux, and the two Mr. Forsters, waited on Baron Plettenberg, the Governor of the Cape of Good Hope, who received the gentlemen with great politeness, and promised them every assistance the place could afford. From him our Commander learned that two French ships from the Mauritius, about eight months before, had discovered land, in the latitude of 48° south, along which they sailed forty miles, till they came to a bay, into which they were upon the point of entering, when they were driven off and separated in a hard gale of wind. Previously to this misfortune, they had lost some of their boats and people, that had been sent to sound the bay. Captain Cook was also informed by Baron Plettenberg, that in the month of March, two other French ships from the island of Mauritius, had touched at the Cape in their way to the South Pacific Ocean; where they were going to make discoveries, under the command of M. Marion.

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* Cook's Voyage, ubi supra, p. 5 — 15. — Forster's Voyage round the World, Vol. I. p. 54-57.

CHAP. From the healthy condition of the crews both
IV. of the Resolution and Adventure, it was ima-
1772. gined by the Captain that his stay at the Cape
would be very short. But the necessity of wait-
ing till the requisite provisions could be pre-
pared and collected, kept him more than three
weeks at this place; which time was improved
by him in ordering both the ships to be caulked
and painted, and in taking care that, in every
respect, their condition should be as good as
when they left England.

22 Nov. On the twenty-second of November, our Com-
mander sailed from the Cape of Good Hope, and
proceeded on his voyage, in search of a south-
ern continent. Having gotten clear of the land,
he directed his course for Cape Circumcision; and
judging that cold weather would soon approach,
he ordered fops to be served to such of the peo-
ple as were in want of them, and gave to each
man the fear-nought jacket and trowsers allowed
by the Admiralty. On the twenty-ninth, the
29 wind, which was west-north-west, increased
to a storm, that continued, with some few in-
tervals of moderate weather, till the sixth of
6 Dec. December*. By this gale, which was attended
with hail and rain, and which blew at times
with such violence that the ships could carry no
sails, our voyagers were driven far to the east-
ward of their intended course, and no hopes

* The ships were now in the latitude of $48^{\circ} 41'$ south,
and longitude $18^{\circ} 24'$ east.

were left to the Captain of reaching Cape Circum-
 cision. A still greater misfortune was the loss
 of the principal part of the live stock on board,
 consisting of sheep, hogs, and geese. At the
 same time, the sudden transition from warm,
 mild weather, to weather which was extremely
 cold and wet, was so severely felt by our people,
 that it was necessary to make some addition to
 their allowance of spirits, by giving each of
 them a dram on particular occasions.

Our navigators, on the tenth of December,
 began to meet with islands of ice†. One of
 these islands was so much concealed from them
 by the haziness of the weather, accompanied
 with snow and sleet, that they were steering
 directly towards it, and did not see it till it was
 at a less distance than that of a mile. Captain
 Cook judged it to be about fifty feet high, and
 half a mile in circuit. It was flat at the top,
 and its sides rose in a perpendicular direction,
 against which the sea broke to a great height.
 The weather continuing to be hazy, the Captain,
 on account of the ice islands, was obliged to
 proceed with the utmost caution. Six of them
 were passed on the twelfth, some of which were
 nearly two miles in circuit, and sixty feet high:
 nevertheless, such were the force and height of
 the waves, that the sea broke quite over them.
 Hence was exhibited a view that for a few mo-

C H A P.

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10 Decr

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† They were then in the latitude of $50^{\circ} 40'$ south,
 and longitude $2^{\circ} 0'$ east of the Cape of Good Hope.

C H A P. moments was pleasing to the eye; but the pleasure was soon swallowed up in the horror which
IV. seized upon the mind, from the prospect of danger. For if a ship should be so unfortunate as to
1772. get on the weather side of one of these islands, she would be dashed to pieces in a moment.

14 Dec. The vessels, on the fourteenth, were stopped by an immense field of low ice, to which no end could be seen, either to the east, west, or south. In different parts of this field, were islands or hills of ice, like those which our voyagers had found floating in the sea, and twenty of which had presented themselves to view the day before. Some of the people on board imagined that they saw land over the ice, and Captain Cook himself at first entertained the same sentiment. But upon more narrowly examining these ice hills, and the various appearances they made when seen through the haze, he was induced to
18. change his opinion. On the eighteenth, though in the morning our navigators had been quite imbayed, they were, notwithstanding, at length enabled to get clear of the field of ice. They were, however, at the same time, carried in among the ice islands, which perpetually succeeded one another; which were almost equally dangerous; and the avoiding of which was a matter of the greatest difficulty. But perilous as it is to sail in a thick fog, among these floating rocks, as our Commander properly called them; this is preferable to the being entangled with immense fields of ice under the same circumstances.

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In this latter case the great danger to be apprehended, is the getting fast in the ice; a situation which would be alarming in the highest degree *.

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It had been a generally received opinion, that such ice as hath now been described, is formed in bays and rivers. Agreeably to this supposition, our voyagers were led to believe that land was not far distant, and that it lay to the southward behind the ice. As, therefore, they had sailed above thirty leagues along the edge of the ice, without finding a passage to the south, Captain Cook determined to run thirty or forty leagues to the east, and afterwards to endeavour to get to the southward. If in this attempt he met with no land or other impediment, his design was to stretch behind the ice, and thus to bring the matter to a decision. The weather, at this time, affected the senses with a feeling of cold much greater than that which was pointed out by the thermometer †, so that the whole crew complained. In order the better to enable them to sustain the severity of the cold, the Captain directed the sleeves of their jackets to be lengthened with baize, and had a cap made for each man of the same stuff, strengthened with canvass. These precautions greatly contributed to their comfort and advantage. It is worthy^d of observation, that although the weather was as sharp, on

* Cook, ubi supra, p. 15 — 27. Our people were now in latitude $55^{\circ} 8'$, and in longitude $24^{\circ} 3'$.

† † was from 30 to 34.

CHAP. the twenty-fifth of December, as might have been
 IV. expected, in the same month of the year, in any
 1772. part of England, this was the middle of summer
 25 Dec. with our navigators. Some of the people now
 appearing to have symptoms of the scurvy, fresh
 wort was given them every day, prepared,
 under the direction of the surgeons, from the
 malt which had been provided for the purpose.

29. By the twenty-ninth, it became sufficiently
 ascertained, from the course our Commander had
 pursued, that the field of ice, along which the
 ships had sailed, did not join to any land, as
 had been conjectured *. At this time, Captain
 Cook came to a resolution, provided he met
 with no impediment, to run as far west as the
 meridian of Cape Circumcision. While he was
 prosecuting this design, a gale arose, on the
 31. thirty-first, which brought with it such a sea as
 rendered it very dangerous for the vessels to
 remain among the ice: and the danger was
 increased by discovering an immense field to the
 north, which extended farther than the eye could
 reach. As our voyagers were not above two or
 three miles from this field, and were surrounded
 by loose ice, there was no time to deliberate.
 They hauled to the south: and though they
 happily got clear, it was not till the ships had
 received several hard knocks from the loose

* Our people were now in the latitude of $59^{\circ} 12'$,
 and in longitude $19^{\circ} 1'$ east; which was three more to
 the west than when they first fell in with the field ice.

pieces, which were of the largest kind. On Friday the first of January, 1773, the gale abated; and, on the next day in the afternoon, our people had the felicity of enjoying the sight of the moon, the face of which had been seen by them but once since they had departed from the Cape of Good Hope. Hence a judgment may be formed of the sort of weather they had been exposed to, from the time of their leaving that place. The present opportunity was eagerly seized, for making several observations of the sun and moon*.

Captain Cook was now nearly in the same longitude which is assigned to Cape Circumcision, and about ninety-five leagues to the south of the latitude in which it is said to lie. At the same time, the weather was so clear, that land might have been seen at the distance of fourteen or fifteen leagues. He concluded it, therefore, to be very probable, that what Bouvet took for land was nothing but mountains of ice, surrounded by loose or field ice. Our present navigators had naturally been led into a similar mistake. The conjecture, that such ice as had lately been seen was joined to land, was a very plausible one, though not founded on fact. Upon the whole, there was good reason to believe, that no land was to be met with, under this

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1 Jan.

* The longitude deduced from these observations was $9^{\circ} 34' 30''$ east. — The latitude was $58^{\circ} 53' 30''$ south.

CHAP. meridian, between the latitude of fifty-five and
 IV. fifty-nine, where some had been supposed to
 1773. exist.

Amidst the obstructions Captain Cook was exposed to, from the ice islands which perpetually succeeded each other, he derived one advantage from them, and that was, a supply of fresh water. Though the melting and flowing away the ice takes up some time, and is, indeed, rather tedious, this method of watering is otherwise the most expeditious our Commander had ever known. The water produced was perfectly sweet and well tasted. Upon the ice islands penguins, albatrosses, and other birds were frequently seen. It had hitherto been the received opinion, that such birds never go far from land, and that the sight of them is a sure indication of its vicinity. That this opinion is not well founded, at least where ice islands exist, was now evinced by multiplied experience.

17 Jan.

By Sunday the seventeenth of January, Captain Cook reached the latitude of $67^{\circ} 15'$ south, when he could advance no farther. At this time the ice was entirely closed to the south, in the whole extent from east to west-south-west, without the least appearance of any opening. The Captain, therefore, thought it no longer prudent to persevere in sailing southward; especially as the summer was already half spent, and there was little reason to hope that it would be found practicable to get round the ice. Having taken this resolution, he determined to proceed directly in

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search of the land which had lately been discovered by the French; and as, in pursuing his purpose, the weather was clear at intervals, he spread the ships a-breast four miles from each other, in order the better to investigate any thing that might lie in their way. On the first of February, our voyagers were in the latitude of $48^{\circ} 30'$ south, and in longitude $58^{\circ} 7'$ east, nearly in the meridian of the island of St. Mauritius. This was the situation in which the land said to have been discovered by the French was to be expected; but as no signs of it had appeared, our Commander bore away to the east. Captain Furneaux, on the same day, informed Captain Cook that he had just seen a large float of sea or rock weed, and about it several of the birds called divers. These were certain signs of the vicinity of land, though whether it lay to the east or west could not possibly be known. Our Commander, therefore, formed the design of proceeding in his present latitude four or five degrees of longitude to the west of the meridian he was now in, and then to pursue his researches eastward. The west and north-west winds, which had continued for some days, prevented him from carrying this purpose into execution. However, he was convinced, from the perpetual high sea he had lately met with, that there could be no great extent of land to the west.

While Captain Cook, on the next day, was steering eastward*, Captain Furneaux told him

* He was now in the latitude of $49^{\circ} 13'$ south.

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1 Feb.

2 Feb.

CHAP. that he thought the land was to the north-west
 IV. of them; as he had, at one time, observed the
 1773. sea to be smooth when the wind blew in that
 direction. This observation was by no means
 conformable to the remarks which had been made
 by our Commander himself. Nevertheless, such
 was his readiness to attend to every suggestion,
 that he resolved to clear up the point, if the
 wind would admit of his getting to the west in
 any reasonable time. The wind, by veering to
 the north, did admit of his pursuing the search;
 and the result of it was, his conviction that if
 any land was near, it could only be an island of
 no considerable extent.

Captain Cook and his philosophical friends, while they were traversing this part of the southern ocean, paid particular attention to the variation of the compass, which they found to be from $27^{\circ} 50'$, to $30^{\circ} 26'$ west. Probably the mean of the two extremes, viz. $29^{\circ} 4'$, was the nearest the truth, as it coincided with the variation observed on board the Adventure. One unaccountable circumstance is worthy of notice, though it did not now occur for the first time. It is, that when the sun was on the starboard of the ship, the variation was the least; and when on the larboard side, the greatest.

Feb. On the eighth, our Commander, in consequence of no signals having been answered by the Adventure, had reason to apprehend that a separation had taken place. After waiting two days, during which guns were kept discharging,

and false fires were burnt in the night, the fact was confirmed; so that the Resolution was obliged to proceed alone in her voyage. As she pursued her course, penguins and other birds, from time to time, appeared in great numbers; the meeting with which gave our navigators some hopes of finding land, and occasioned various speculations with regard to its situation. Experience, however, convinced them that no stress was to be laid on such hopes. They were so often deceived, that they could no longer look upon any of the oceanic birds, which frequent high latitudes, as sure signs of the vicinity of land.

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In the morning of the seventeenth, between midnight and three o'clock, lights were seen in the heavens, similar to those which are known in the northern hemisphere, by the name of the Aurora Borealis. Captain Cook had never heard that an Aurora Australis had been seen before. The officer of the watch observed that it sometimes broke out in spiral rays, and in a circular form; at which time its light was very strong, and its appearance beautiful. It was not perceived to have any particular direction. On the contrary at various times, it was conspicuous in different parts of the heavens, and diffused its light throughout the whole atmosphere.

17 Feb.

On the twentieth, our navigators imagined that they saw land to the south-west. Their conviction of its real existence was so strong, that they had no doubt of the matter; and accordingly they endeavoured to work up to it, in

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- CHAP. doing which the weather was favourable to
 IV. their purpose. However, what had been taken
 1773. for land proved only to be clouds, that in the
 evening entirely disappeared, and left a clear
 horizon, in which nothing could be discerned
 but ice islands. At night the Aurora Australis
 was again seen, and the appearance it assumed
 was very brilliant and luminous. It first discovered
 itself in the east, and in a short time spread over
 the whole heavens.

- 23 Feb. In the night of the twenty-third, when the ship
 was in latitude $61^{\circ} 52'$ south, and longitude 95°
 $2'$ east, the weather being exceedingly stormy,
 thick, and hazy, with sleet and snow, our voy-
 agers were on every side surrounded with danger.
 In such a situation, it was natural for them to wish
 for day-light: but day-light, when it came, served
 only to encrease their apprehensions, by exhibiting
 those huge mountains of ice to their view, which
 the darkness had prevented them from seeing.
 These unfavourable circumstances, at so advanced
 a season of the year, discouraged Captain Cook
 from putting in execution a resolution he had
 formed of once more crossing the antarctic circle.
 Accordingly, early in the morning of the twenty-
 24. fourth, he stood to the north, with a very hard
 gale, and a very high sea, which made great
 destruction among the ice islands. But so far was
 this incident from being of any advantage to our
 navigators, that it greatly encreased the number
 of pieces they had to avoid. The large pieces
 which broke from the ice islands, were found to

be

be much more dangerous than the islands themselves. While the latter rose so high out of the water, that they could generally be seen, unless the weather was very thick and hazy, before our people nearly approached them, the others could not be discerned, in the night, till they were under the ship's bows. These dangers, however, were now become so familiar to the Captain and his company, that the apprehensions they caused were never of long duration; and a compensation was, in some degree, made for them, by the seasonable supplies of fresh water which the ice islands afforded, and by their very romantic appearance. The foaming and dashing of the waves into the curious holes and caverns which were formed in many of them, greatly heightened the scene; and the whole exhibited a view that at once filled the mind with admiration and horror, and could only be described by the hand of an able painter.

In sailing from the twenty-fifth to the twenty-eighth, the wind was accompanied with a large hollow sea, which rendered Captain Cook certain that no land, of any considerable extent, could lie within a hundred or a hundred and fifty leagues from east to south-west. Though this was still the summer season in that part of the world, and the weather was become somewhat warmer than it had been before, yet such were the effects of the cold, that a sow having farrowed nine pigs in the morning, all of them, notwithstanding the utmost care to prevent it,

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1773.

25 to 28

Feb.

CHAP. were killed before four o'clock in the afternoon.

IV. From the same cause, the Captain himself and

3773. several of his people had their fingers and toes chilblained. For some days afterward, the cold considerably abated; but still it could not be said that there was summer weather, according to our Commander's ideas of summer in the northern hemisphere as far as sixty degrees of latitude, which was nearly as far as he had then been.

28 Feb.

10

11 March.

As he proceeded on his voyage, from the twenty-eighth of February to the eleventh of March, he had ample reason to conclude, from the swell of the sea and other circumstances, that there could be no land to the south, but what must lie at a great distance.

14 March.

The weather having been clear on the thirteenth and fourteenth, Mr. Wales had an opportunity of getting some observations of the sun and moon; the results of which, reduced to noon, when the latitude was $58^{\circ} 22'$ south, gave $136^{\circ} 22'$ east longitude. Mr. Kendal's and Mr. Arnold's watches gave each of them $134^{\circ} 42'$; and this was the first and only time in which they had pointed out the same longitude since the ships had departed from England. The greatest difference, however, between them, since our voyagers had left the Cape, had not much exceeded two degrees.

From the moderate, and what might almost be called pleasant weather, which had occurred for two or three days, Captain Cook began to wish that he had been a few degrees of latitude

farther south; and he was even tempted to incline his course that way. But he soon met with weather which convinced him that he had proceeded full far enough; and that the time was approaching when these seas could not be navigated without enduring intense cold. As he advanced in his course, he became perfectly assured, from repeated proofs, that he had left no land behind him in the direction of west-south-west; and that no land lay to the south on this side sixty degrees of latitude. He came, therefore, to a resolution, on the seventeenth*, to quit the high southern latitudes, and to proceed to New Zealand, with a view of looking for the Adventure, and of refreshing his people. He had, also, some thoughts, and even a desire of visiting the east coast of Van Diemen's Land, in order to satisfy himself whether it joined the coast of New South Wales. The wind, however, not permitting him to execute this part of his design, he shaped his course for New Zealand, in sight of which he arrived on the twenty-fifth, and where he came to anchor on the day following, in Dusky Bay. He had now been a hundred and seventeen days at sea, during which time he had sailed three thousand six hundred and sixty leagues, without having once come within sight of land.

After so long a voyage, in a high southern latitude, it might reasonably have been expected

* The Resolution was now in latitude $59^{\circ} 7'$ south, and longitude $146^{\circ} 53'$ east.

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17 March.

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CHAP. IV. that many of Captain Cook's people would be
 1773. ill of the scurvy. This, however, was not the
 case. So salutary were the effects of the sweet
 wort, and several articles of provision, and
 especially of the frequent airing and sweetening
 of the ship, that there was only one man on
 board who could be said to be much afflicted
 with the disease; and even in that man, it was
 chiefly occasioned by a bad habit of body, and
 a complication of other disorders*.

As our Commander did not like the place in
 which he had anchored, he sent Lieutenant Picker-
 gill over to the south-east side of the bay, in
 search of a better; and the Lieutenant succeeded
 in finding a harbour that was in every respect
 desirable. In the mean while, the fishing-boat
 was very successful, returning with fish sufficient
 for the whole crew's supper; and in the morning
 of the next day, as many were caught as served
 for dinner. Hence were derived certain hopes of
 being plentifully supplied with this article. Nor
 did the shores and woods appear less destitute of
 wild-fowl; so that our people had the prospect
 of enjoying, with ease, what, in their situation,
 might be called the luxuries of life. These agree-
 able circumstances determined Captain Cook to
 stay some time in the bay, in order to examine it
 thoroughly; as no one had ever landed before
 on any of the southern parts of New Zealand.

27 March. On the twenty-seventh, the ship entered

* Cook's Voyages, ubi supra, p. 28 — 68.

PICKERSGILL HARBOUR; for so it was called, CHAP.
 from the name of the gentleman by whom it IV.
 had first been discovered. Here wood, for fuel 1773.
 and other purposes, was immediately at hand;
 and a fine stream of fresh-water was not above
 a hundred yards from the stern of the vessel. Our
 voyagers, being thus advantageously situated,
 began vigorously to prepare for their necessary
 occupations, by clearing places in the woods,
 in order to set up the astronomer's observatory,
 and the forge for the iron work, and to erect
 tents for the sail-makers and coopers. They
 applied themselves, also, to the brewing of
 beer from the branches or leaves of a tree which
 greatly resembled the American black spruce.
 Captain Cook was persuaded, from the know-
 ledge which he had of this tree, and from the
 similarity it bore to the spruce, that, with the
 addition of inspissated juice of wort and melasses
 it would make a very wholesome liquor, and
 supply the want of vegetables, of which the
 country was destitute. It appeared, by the event
 that he was not mistaken in his judgment.

Several of the natives were seen on the twenty- 23 March,
 eighth, who took little notice of the English,
 and were very shy of access; and the Captain
 did not choose to force an intercourse with them,
 as he had been instructed, by former experience,
 that the best method of obtaining it was to leave
 the time and place to themselves. While our
 Commander continued in his present situation,
 he took every opportunity of examining the bay.

CHAP. IV. As he was prosecuting his survey of it, on the sixth of April, his attention was directed to the north side, where he discovered a fine capacious cove, in the bottom of which is a fresh-water river. On the west side are several beautiful cascades; and the shores are so steep, that water might directly be conveyed from them into the ship. Fourteen ducks, besides other birds, having been shot in this place, he gave it the name of **DUCK COVE**. When he was returning in the evening, he met with three of the natives, one man and two women, whose fears he soon dissipated, and whom he engaged in a conversation, that was little understood on either side. The youngest of the women had a volubility of tongue that could not be exceeded; and she entertained Captain Cook, and the gentlemen who accompanied him, with a dance.

12.

By degrees, our Commander obtained the good-will and confidence of the Indians. His presents, however, were at first received with much indifference, hatchets and spike-nails excepted. At a visit, on the twelfth, from a family of the natives, the Captain, perceiving that they approached the ship with great caution, met them in a boat, which he quitted when he came near them, and went into their canoe. After all, he could not prevail upon them to go on board the *Resolution*; but at length they put on shore in a little creek, and seating themselves a-breast of the English vessel, entered into familiar conversation with several of the officers and

seamen; in which they paid a much greater regard to some, whom they probably mistook for females, than to others. So well, indeed, were they now reconciled to our voyagers, that they took up their quarters nearly within the distance of a hundred yards from the ship's watering-place. Captain Cook, in his interview with them, had caused the bagpipes and fife to play, and the drum to beat. The two former they heard with apparent insensibility; but the latter excited in them a certain degree of attention.

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On the eighteenth, a Chief, with whom some connexions had already been formed, was induced, together with his daughter, to come on board the Resolution. Previously to his doing it, he presented the Captain with a piece of cloth and a green talk hatchet. He gave also a piece of cloth to Mr. Forster; and the girl gave another to Mr. Hodges. Though this custom of making presents, before any are received, is common with the natives of the South Sea Isles, our Commander had never till now seen it practised in New Zealand. Another thing performed by the Chief before he went on board, was the taking of a small green branch in his hand, with which he struck the ship's side several times, repeating a speech or prayer. This manner, as it were, of making peace is likewise prevalent among all the nations of the South Seas. When the Chief was carried into the cabin, he viewed every part of it with some

18 April.

CHAP. degree of surprize; but it was not possible to
 IV. fix his attention to any one object for a single
 1773. moment. The works of art appeared to him in
 the same light as those of nature, and were
 equally distant from his powers of comprehen-
 sion. He and his daughter seemed to be the most
 struck with the number of the decks, and other
 parts of the ship.

As Captain Cook proceeded in examining
 Dusky Bay, he occasionally met with some few
 more of the natives, with regard to whom he
 20 April. used every mode of conciliation. On the twen-
 tieth, the Chief and his family, who had been
 more intimate with our navigators than any of
 the rest of the Indians, went away, and never
 returned again. This was the more extraordinary,
 as in all his visits he had been gratified with
 presents. From different persons, he had gotten
 nine or ten hatchets, and three or four times
 that number of large spike-nails, besides a variety
 of other articles. So far as these things might be
 deemed riches in New Zealand, he was undoubt-
 edly become by far the most wealthy man in
 the whole country.

One employment of our voyagers, while in
 Dusky Bay consisted in seal-hunting, an animal
 which was found serviceable for three purposes.
 The skins were made use of for rigging, the fat
 24. afforded oil for the lamps, and the flesh was
 eaten. On the twenty-fourth, the Captain, having
 five geese remaining of those he had brought
 with him from the Cape of Good Hope, went

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and left them at a place to which he gave the name of GOOSE COVE. This place he fixed upon for two reasons; first, because there were no inhabitants to disturb them; and secondly, because here was the greatest supply of proper food; so that he had no doubt of their breeding, and hoped that in time they might spread over the whole country, to its eminent advantage. Some days afterward, when every thing belonging to the ship had been removed from the shore, he set fire to the topwood, in order to dry a piece of ground, which he dug up, and sowed with several sorts of garden seeds. The soil, indeed, was not such as to promise much success to the planter; but it was the best that could be discovered.

The twenty-fifth of April was the eighth fair day our people had successively enjoyed; and there was reason to believe that such a circumstance was very uncommon in the place where they now lay, and at that season of the year. This favourable weather afforded them the opportunity of more speedily completing their wood and water, and of putting the ship into a condition for sea. On the evening of the twenty-fifth, it began to rain; and the weather was afterward extremely variable, being, at times, in a high degree wet, cold, and stormy. Nothing, however, prevented Captain Cook from prosecuting, with his usual sagacity and diligence, his search into every part of Dusky Bay; and, as there are few places in New Zea-

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CHAP. land where necessary refreshments may be fo
 IV. plentifully obtained as in this bay, he hath taken
 1773. care to give such a description of it, and of
 the adjacent country, as may be of service to
 succeeding navigators. Although this country
 lies far remote from what is now the trading part
 of the world, yet, as he justly observes, we
 can by no means tell what use future ages
 may derive from the discoveries made in the
 present.

The various anchoring places are delineated
 on our Commander's chart, and the most con-
 venient of them he has particularly described.
 Not only about Dusky Bay, but through all the
 southern part of the western coast of Tavai-
 poenammoo, the country is exceedingly moun-
 tainous. A prospect more rude and craggy is
 rarely to be met with; for inland there are only
 to be seen the summits of mountains of a
 tremendous height, and consisting of rocks that
 are totally barren and naked, excepting where
 they are covered with snow. But the land which
 borders on the sea coast is thickly clothed with
 wood, almost down to the water's edge; and
 this is the case with regard to all the adjoining
 islands. The trees are of various kinds, and are
 fit for almost every possible use. Excepting in
 the river Thames, Captain Cook had not found
 finer timber in all New Zealand; the most con-
 siderable species of which is the spruce-tree; for
 that name he had given it from the similarity
 of its foliage to the American spruce, though

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the wood is more ponderous, and bears a greater resemblance to the pitch pine. Many of these trees are so large, that they would be able to furnish main-masts for fifty gun ships. Amidst the variety of aromatic trees and shrubs which this part of New Zealand produced, there were none which bore fruit fit to be eaten. But for a farther account of the soils, vegetable productions, and animals of the coast, I must refer to the Captain's own narrative; only taking notice, that the country was not found so destitute of quadrupeds as was formerly imagined.

As Dusky Bay presented many advantages to our navigators, so it was attended with some disagreeable circumstances. There were great numbers of small black sand flies, which were troublesome to a degree that our Commander had never experienced before. Another evil arose from the continual quantity of rain that occurred in the bay. This might, indeed, in part proceed from the season of the year: but it is probable that the country must at all times be subject to much wet weather, in consequence of the vast height, and vicinity of the mountains. It was remarkable that the rain, though our people were perpetually exposed to it, was not productive of any evil consequences. On the contrary, such of the men as were sick and complaining when they entered the bay, recovered daily, and the whole crew soon became strong and vigorous. So happy a circumstance could only be attributed to the healthiness of the place, and the fresh pro-

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CHAP. visions it afforded; among which, the beer was
IV. a very material article.

1773. The inhabitants of Dusky Bay are of the same race with the other natives of New Zealand, speak the same language, and adhere nearly to the same customs. Their mode of life appears to be a wandering one; and though they are few in number, no traces were remarked of their families being connected together in any close bonds of union or friendship.

While the Resolution lay in the bay, Mr. Wales made a variety of scientific observations, relative to latitude and longitude*, the variation of the compass, and the diversities of the tides; a short account of which Captain Cook has given in his voyage, for the instruction and benefit of the public†.

When Captain Cook left Dusky Bay, he directed his course for Queen Charlotte's Sound, where he expected to find the Adventure. This was on the eleventh of May, and nothing remarkable occurred till the seventeenth, when the wind at once flattened to a calm, the sky became suddenly obscured by dark dense clouds, and there was every prognostication of a tempest. Soon after, six water-spouts were seen, four of which rose and spent themselves between the

11 May.
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* The latitude of Mr. Wales's observatory at Pickersgill harbour was $45^{\circ} 47' 26 \frac{1}{2}''$ south; and its longitude $166^{\circ} 18'$ east.

† Cook, ubi supra, p. 69 — 102.

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ship and the land; the fifth was at a considerable distance on the other side of the vessel; and the sixth, the progressive motion of which was not in a strait, but in a crooked line, passed within fifty yards of the stern of the Resolution, without producing any evil effect. As the Captain had been informed that the firing of a gun would dissipate water-spouts, he was sorry that he had not tried the experiment. But, though he was near enough, and had a gun ready for the purpose, his mind was so deeply engaged in viewing these extraordinary meteors, that he forgot to give the necessary directions.

On the next day, the Resolution came within sight of Queen Charlotte's Sound, where Captain Cook had the satisfaction of discovering the Adventure; and both ships felt uncommon joy at thus meeting again, after an absence of fourteen weeks. As the events which happened to Captain Furneaux, during the separation of the two vessels, do not fall within the immediate design of the present narrative, it may be sufficient to observe, that he had an opportunity of examining, with somewhat more accuracy than had hitherto been done, Van Diemen's Land; and his opinion was, that there are no straights between this land and New Holland, but a very deep bay. He met, likewise, with farther proofs that the natives of New Zealand are eaters of human flesh*.

* Cook's Voyages, ubi supra, p. 103, 105, 115, 118, 120.

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18 May.

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19 May.

The morning after Captain Cook's arrival in Queen Charlotte's Sound, he went himself, at day-break, to look for scurvy-grass, celery, and other vegetables; and he had the good fortune to return with a boat-load, in a very short space of time. Having found that a sufficient quantity of these articles might be obtained for the crews of both the ships, he gave orders that they should be boiled, with wheat and portable broth, every day for breakfast; and with pease and broth for dinner. Experience had taught him that the vegetables now mentioned, when thus dressed, are extremely beneficial to seamen, in removing the various scorbutic complaints to which they are subject.

Our Commander had entertained a desire of visiting Van Diemen's Land, in order to inform himself whether it made a part of New Holland. But as this point had been, in a great measure, cleared up by Captain Furneaux, he came to a resolution to continue his researches to the east, between the latitudes of 41° and 46° ; and he directed accordingly, that the ships should be gotten ready for putting to sea as soon as possible.

On the twentieth, he sent on shore the only ewe and ram that remained of those which, with the intention of leaving them in this country, he had brought from the Cape of Good Hope. Soon after he visited several gardens, that by order of Captain Furneaux had been made and planted with various articles; all of which were in such a flourishing state that, if duly attended to, they

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promised to be of great utility to the natives. The next day, Captain Cook himself set some men to work to form a garden on Long Island, which he stocked with different seeds, and particularly with the roots of turnips, carrots, parsnips, and potatoes. These were the vegetables that would be of the most real use to the Indians and of these it was easy to give them an idea, by comparing them with such roots as they themselves knew. On the twenty-second, Captain Cook received the unpleasant intelligence that the ewe and ram, which with so much care and trouble he had brought to this place, were both of them found dead. It was supposed that they had eaten some poisonous plant; and by this accident all the Captain's hopes of stocking New Zealand with a breed of sheep were instantly blasted.

The intercourse which our great navigator had with the inhabitants of the country, during this his second visit to Queen Charlotte's Sound, was of a friendly nature. Two or three families took up their abode near the ships, and employed themselves daily in fishing, and in supplying the English with the fruits of their labour. No small advantage hence accrued to our people, who were by no means such expert fishers as the natives, nor were any of our methods of fishing equal to theirs. Thus in almost every state of society particular arts of life are carried to perfection; and there is something which the most

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1773.

21 May.

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2 June.

polished nations may learn from the most barbarous.

On the second of June, when the *Resolution* and *Adventure* were almost ready to put to sea, Captain Cook sent on shore, on the east side of the sound, two goats, a male and a female; and Captain Furneaux left, near Cannibal Cove, a boar and two breeding sows. The gentlemen had little doubt but that the country would, in time, be stocked with these animals, provided they were not destroyed by the Indians before they became wild. Afterwards there would be no danger; and as the natives knew nothing of their being left behind, it was hoped that it might be some time before they would be discovered.

It is remarkable that, during Captain Cook's second visit to Charlotte's Sound, he was not able to recollect the face of any one person whom he had seen there three years before. Nor did it once appear, that even a single Indian had the least knowledge of our Commander, or of any of our people who had been with him in his last voyage. Hence he thought it highly probable, that the greatest part of the natives who inhabited this sound in the beginning of the year 1770, had either since been driven out of it, or had removed, of their own accord, to some other situation. Not one third of the inhabitants were there now, that had been seen at that time. Their strong hold on the Point of Motuara was deserted, and in every part of the sound many forsaken habitations were discovered. In the

Captain's

Captain's opinion, there was not any reason to believe that the place had ever been very populous. From comparing the two voyages together, it may be collected, that the Indians of Eaheinomauwe are in somewhat of a more improved state of society than those of Tavai-poenammoo.

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1773.

Part of the fourth of June was employed by Captain Cook in visiting a Chief and a whole tribe of the natives, consisting of between ninety and a hundred persons, including men, women, and children. After the Captain had distributed some presents among these people, and shewn to the Chief the gardens which had been made, he returned on board, and spent the remainder of the day in the celebration of his Royal Master's nativity. Captain Furneaux and all his officers were invited upon the occasion; and the seamen were enabled, by a double allowance, to partake of the general joy.

4 June.

As some might think it an extraordinary step in our Commander to proceed in discoveries so far south as forty-six degrees of latitude, in the very depth of winter, he has recorded his motives for this part of his conduct. Winter, he acknowledges, is by no means favourable for discoveries. Nevertheless, it appeared to him to be necessary that something should be done in that season, in order to lessen the work in which he was engaged; and lest he should not be able to finish the discovery of the southern part of the South Pacific Ocean in the ensuing summer. Besides, if he should discover any land

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in his route to the east, he would be ready to begin to explore it, as soon as ever the season should be favourable. Independently of all these considerations, he had little to fear; having two good ships well provided, and both the crews being healthy, Where then could he better employ his time? If he did nothing more, he was at least in hopes of being enabled to point out to posterity, that these seas may be navigated, and that it is practicable to pursue discoveries, even in the depth of winter. Such was the ardour of our navigator for prosecuting the ends of his voyage, in circumstances which would have induced most men to act a more cautious part!

During Captain Cook's stay in the Sound, he had observed that the second visit to this country had not mended the morals of the natives of either sex. He had always looked upon the females of New Zealand as more chaste than the generality of Indian women. Whatever favour a few of them might have granted to the people in the endeavour, such intercourses usually took place in a private manner, and did not appear to be encouraged by the men. But now the Captain was told that the male Indians were the chief promoters of a shameful traffic, and that, for a spikenail, or any other thing they valued, they would oblige the women to prostitute themselves, whether it were agreeable or contrary to their inclinations. At the same time, no regard was paid to the privacy which decency required. The account of this fact must be

read with concern by every well-wisher to the good order and happiness of society, even without advertg to considerations of a higher nature *.

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1773.

7 June.

On the seventh of June, Captain Cook put to sea from Queen Charlotte's Sound, with the Adventure in company. For the nautical part of the route from New Zealand to Otaheite, which continued till the fifteenth of August, I shall refer my readers to the Captain's voyage; and shall only select such circumstances as are immediately suitable to the design of the present narrative. It was found, on the twenty-ninth of July, that the crew of the Adventure were in a sickly state. Her cook was dead, and about twenty of her best men were rendered incapable of duty by the scurvy and flux. At this time, no more than three men were on the sick list on board the Resolution; and only one of these was attacked with the scurvy. Some others, however, began to discover the symptoms of it; and, accordingly, recourse was had to wort, marmalade of carrots, and the rob of lemons and oranges, with the usual success.

29 July.

Captain Cook could not account for the prevalence of the scurvy being so much greater in the Adventure than in the Resolution, unless it was owing to the crew of the former's being more scorbutic when they arrived in New Zealand than the crew of the latter, and to their

* Cook's Voyages, *ubi supra*. p. 121—130.

CHAP. eating few or no vegetables while they lay in
IV. Queen Charlotte's Sound. This arose partly
1773. from their want of knowing the right sorts, and
partly from the dislike which seamen have to
the introduction of a new diet. Their aversion to
any unusual change of food is so great, that it
can only be overcome by the steady and perse-
vering example and authority of a commander.
Many of Captain Cook's people, officers as well
as common sailors, disliked the boiling of celery,
scurvy-grass, and other greens with the peas
and wheat; and by some the provision, thus
prepared, was refused to be eaten. But, as this
had no effect on the Captain's conduct, their
prejudice gradually subsided: they began to like
their diet as much as the rest of their compani-
ons; and, at length, there was hardly a man in
the ship who did not attribute the freedom of the
crew from the scurvy, to the beer and veget-
ables which had been made use of at New Zea-
land. Henceforward, whenever the seamen came
to a place where vegetables could be obtained,
our Commander seldom found it necessary to
order them to be gathered; and, if they were
scarce, happy was the person who could lay hold
on them first.

1 August.

On the first of August, when the ships were
in the latitude of $25^{\circ} 1'$, and the longitude of
 $134^{\circ} 6'$, west, they were nearly in the same
situation with that which is assigned by Captain
Carteret for Pitcairn's Island, discovered by him
in 1767. For this island, therefore, our voyagers

diligently looked, but saw nothing. According to the longitude in which he had placed it, Captain Cook must have passed it fifteen leagues to the west. But as this was uncertain, he did not think it prudent to lose any time in searching for it, as the sickly state of the Adventure's people required as speedy an arrival as possible at a place of refreshment. A sight of it, however, would have been of use in verifying, or correcting, not only the longitude of Pitcairn's Island, but of the others discovered by Captain Carteret in that neighbourhood. It is a diminution of the value of that gentleman's voyage, that his longitude was not confirmed by astronomical observations, and that hence it was liable to errors, the correction of which was out of his power.

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As Captain Cook had now gotten to the northward of Captain Carteret's tracks, he no longer entertained any hopes of discovering a continent. Islands were all that he could expect to find, until he returned again to the south. In this and his former voyage, he had crossed the ocean in the latitude of 40° and upwards, without meeting any thing which could, in the least, induce him to believe that he should attain the great object of his pursuit. Every circumstance concurred to convince him that, between the meridian of America and New Zealand, there is no southern continent; and that there is no continent farther to the south, unless in a very high latitude. This, however, was a point

CHAP. too important to be left to opinions and conjectures. It was to be determined by facts; and the
IV. ascertainment of it was appointed, by our Com-
1773. mander, for the employment of the ensuing summer.

6 August.

It was the sixth of August before the ships had the advantage of the trade wind *. This they got at south-east, being at that time in the latitude of $19^{\circ} 36'$ south, and the longitude of $131^{\circ} 32'$ west. As Captain Cook had obtained the south-east trade wind, he directed his course to the west-north-west; not only with a view of keeping in with the strength of the wind, but also to get to the north of the islands discovered in his former voyage, that he might have a chance of meeting with any other islands which might lie in the way. It was in the track which had been pursued by M. de Bougainville that our Commander now proceeded. He was sorry that he could not spare time to sail to the north of this track; but at present, on account of the sickly state of the Adventure's crew, the arriving at a place where refreshments could be procured, was an object superior to that of discovery. To four of the islands which were passed by Captain Cook, he gave the names of Resolution Island, Doubtful Island, Furneaux Island, and Adventure Island †. They are supposed to be the same

* The not meeting with the south-east trade wind sooner is no new thing in this sea.

† Resolution Island is in latitude $17^{\circ} 24'$ south, and

that were seen by M. de Bougainville; and these with several others, which constitute a cluster of low and half drowned isles, that gentleman distinguished by the appellation of the Dangerous Archipelago. The smoothness of the sea sufficiently convinced our navigators that they were surrounded by them, and that it was highly necessary to proceed with the utmost caution, especially in the night †.

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Early in the morning, on the fifteenth of August, the ships came within sight of Osnaburg Island, or Maitea, which had been discovered by Captain Wallis. Soon after, Captain Cook acquainted Captain Furneaux that it was his intention to put into Oaiti-piha Bay, near the south-east end of Otaheite, for the purpose of procuring what refreshments he could from that part of the island, before he went down to Matavai. At six in the evening the island was seen bearing west; and our people continued to advance towards it till midnight, when they brought to till four o'clock in the morning; after which they sailed in for the land with a fine breeze at east. At day-break, they found themselves within the distance of half a league from the reef; and, at the same time, the breeze began to fail them,

longitude $141^{\circ} 39'$ west; Doubtful Island, latitude $17^{\circ} 20'$, longitude $141^{\circ} 38'$; Furneaux Island, latitude $17^{\circ} 5'$, longitude $143^{\circ} 16'$; and Adventure Island, $17^{\circ} 4'$, longitude $144^{\circ} 30'$ west.

† Cook's Voyages, ubi supra, p. 131 — 143.

- CHAP. and was at last succeeded by a calm. It now
IV. became necessary for the boats to be hoisted out,
1773. in order to tow off the ships; but all the efforts
of our voyagers, to keep them from being carried
near the reef, were insufficient for the purpose.
As the calm continued, the situation of the
vessels became still more dangerous. Captain Cook,
however, entertained hopes of getting round
the western point of the reef, and into the bay.
But, about two o'clock in the afternoon, when
he came before an opening or break of the reef,
through which he had flattered himself that he
might get with the ships, he found, on sending
to examine it, that there was not a sufficient
depth of water. Nevertheless, this opening caused
such an indraught of the tide of flood through
it, as was very near proving fatal to the Reso-
lution; for as soon as the vessels got into the
stream, they were carried towards the reef with
great impetuosity. The moment the Captain
perceived this, he ordered one of the warping
machines, which was held in readiness, to be
carried out with about four hundred fathoms of
rope; but it did not produce the least effect;
and our navigators had now in prospect the
horrors of shipwreck. They were not more than
two cables length from the breakers; and,
though it was the only probable method which
was left of saving the ships, they could find no
bottom to anchor. An anchor, however, they
did drop; but before it took hold, and brought
them up, the Resolution was in less than three

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fathom water, and struck at every fall of the sea, which broke close under her stern in a dreadful surf, and threatened her crew every moment with destruction. Happily, the Adventure brought up without striking. Presently, the Resolution's people carried out two kedge-anchors, with hawsers to each; and these found ground a little without the bower. By heaving upon them, and cutting away the bower anchor, the ship was gotten afloat, where Captain Cook and his men lay for some time in the greatest anxiety, expecting every minute that either the kedges would come home, or the hawsers be cut in two by the rocks. At length, the tide ceased to act in the same direction; upon which the Captain ordered all the boats to try to tow off the vessel. Having found this to be practicable, the two kedges were hove up; and at that moment a light air came off from the land, by which the boats were so much assisted, that the Resolution soon got clear of all danger. Our Commander then ordered all the boats to assist the Adventure; but before they reached her, she was under sail with the land breeze, and in a little time joined her companion, leaving behind her three anchors, her coasting cable, and two hawsers, which were never recovered. Thus were our voyagers once more safe at sea, after narrowly escaping being wrecked on the very island at which, but a few days before, they had most ardently wished to arrive. It was a peculiarly happy circumstance, that the calm

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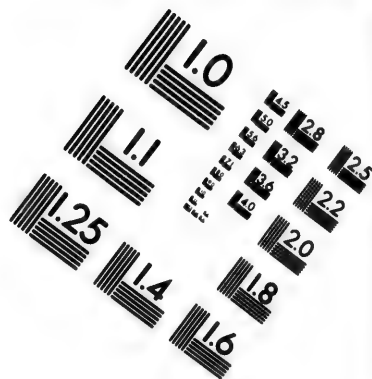
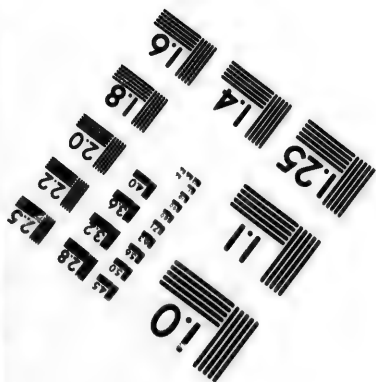
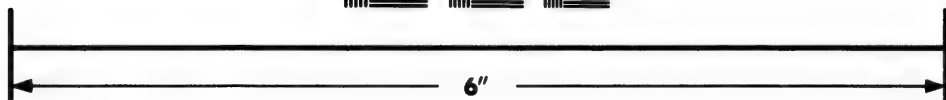
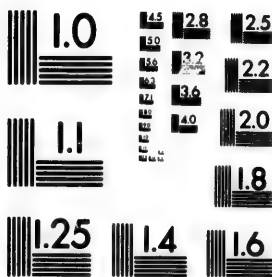


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CHAP. continued, after bringing the ships into so dangerous a state. For if the sea breeze, as is usually
IV. the case, had set in, the Resolution must inevitably have been lost, and probably the Adventure
1773. likewise.

During the time in which the English were in this critical situation, a number of the natives were either on board or near the vessels in their canoes. Nevertheless, they seemed to be insensible of our people's danger, shewing not the least surprize, joy, or fear, when the ships were striking; and they went away a little before sunset, quite unconcerned. Though most of them knew Captain Cook again, and many enquired for Mr. Banks and others who had been with the Captain before, it was remarkable that not one of them asked for Tupia.

17 August. On the seventeenth, the Resolution and Adventure anchored in Oaiti-piha Bay, immediately upon which they were crowded with the inhabitants of the country, who brought with them cocoa-nuts, plaintains, bananoes, apples, yams, and other roots, which were exchanged for nails and beads. To some who called themselves Chiefs, our Commander made presents of shirts, axes, and several articles beside, in return for which they promised to bring him hogs and fowls; a promise which they did not perform, and which, as might be judged from their conduct, they had never had the least intention of performing. In the afternoon of the same day, Captain Cook landed in company with Captain

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Furneaux, for the purpose of viewing the watering-place, and of founding the disposition of the natives. The article of water, which was now much wanted on board, he found might conveniently be obtained, and the inhabitants behaved with great civility. Notwithstanding this civility, nothing was brought to market, the next day, but fruit and roots, though it was said that many hogs were seen about the houses in the neighbourhood. The cry was, that they belonged to Waheatoua the Earee de hi, or king; who had not yet appeared, nor, indeed, any other chief of note. Among the Indians that came on board the Resolution, and no small number of whom did not scruple to call themselves *Earees*, there was one of this sort, who had been entertained in the cabin most of the day, and to all of whose friends Captain Cook had made presents, as well as liberally to himself. At length, however, he was caught taking things which did not belong to him, and handing them out of the quarter gallery. Various complaints of the like nature being, at the same time, made against the natives who were on deck, our Commander turned them all out of the ship. His cabin guest was very rapid in his retreat; and the Captain was so exasperated at his behaviour, that after the *Earee* had gotten to some distance from the Resolution, he fired two musquets over his head, by which he was so terrified, that he quitted his canoe, and took to the water. Captain Cook then sent a boat to take the canoe; but when

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C H A P. the boat approached the shore, the people on
IV. land began to pelt her with stones. The Captain,
1773. therefore, being in some pain for her safety, as
she was unarmed, went himself in another boat
to protect her, and ordered a great gun, loaded
with ball, to be fired along the coast, which
made all the Indians retire from the shore, and
he was suffered to bring away two canoes with-
out the least shew of opposition. In a few hours
peace was restored, and the canoes were returned
to the first person who came for them.

It was not till the evening of this day that
any one enquired after Tupia, and then the
enquiry was made by only two or three of the
natives. When they learned the cause of his
death, they were perfectly satisfied; nor did it
appear to our Commander that they would have
felt a moment's uneasiness, if Tupia's decease
had proceeded from any other cause than sickness.
They were as little concerned about Aotourou,
the man who had gone away with M. de Bou-
gainville. But they were continually asking for
Mr. Banks, and for several others who had ac-
companied Captain Cook in his former voyage.

Since that voyage, very considerable changes
had happened in the country. Toutaha, the
regent of the greater peninsula of Otaheite, had
been killed in a battle which was fought between
the two kingdoms about five months before the
Resolution's arrival; and Otoo was now the
reigning prince. Tubourai Tamaide, and several
more of the principal friends to the English, had

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fallen in this battle, together with a large number of the common people. A peace subsisted, at present, between the two grand divisions of the island.

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On the twentieth, one of the natives carried off a musquet belonging to the guard on shore. Captain Cook, who was himself a witness of the transaction, sent some of his people after him; but this would have been to very little purpose, if the thief had not been intercepted by several of his own countrymen, who pursued him voluntarily, knocked him down, and returned the musquet to the English. This act of justice prevented our Commander from being placed in a disagreeable situation. If the natives had not given their immediate assistance, it would scarcely have been in his power to have recovered the musquet, by any gentle means whatever; and if he had been obliged to have recourse to other methods, he was sure of losing more than ten times its value.

20 August.

The fraud of one who appeared as a Chief, is, perhaps, not unworthy of notice. This man, in a visit to Captain Cook, presented him with a quantity of fruit; among which were a number of cocoa-nuts that had already been exhausted of their liquor by our people, and afterwards thrown overboard. These the Chief had picked up, and tied so artfully in bundles, that at first the deception was not perceived. When he was informed of it, without betraying the least emotion, and affecting a total ignorance of the

CHAP. matter, he opened two or three of the nuts
 IV. himself, signified that he was satisfied of the fact,
 1773. and then went on shore and sent off a quantity
 of plaintains and bananoes. The ingenuity and
 the imprudence of fraud are not solely the produc-
 tions of polished society.

23 August. Captain Cook, on the twenty-third, had an
 interview with Waheatoua, the result of which
 was, that our navigators obtained this day as
 much pork as furnished a meal to the crews of
 both the vessels. In the Captain's last voyage,
 Waheatoua, who was then little more than a
 boy, was called Tearee; but having succeeded
 to his father's authority, he had assumed his
 father's name.

The fruits which were procured at Oaiti-piha
 Bay contributed greatly to the recovery of the
 sick people belonging to the Adventure. Many
 of them, who had been so ill as to be incapable
 of moving without assistance, were, in the
 compass of a few days, so far recovered that
 they were able to walk about of themselves.
 When the Resolution entered the bay, she had
 but one scorbutic man on board, a marine,
 who had long been sick, and who died, the
 second day after her arrival, of a complication
 of disorders, which had not the least mixture
 of the scurvy.

24. On the twenty-fourth, the ships put to sea.
 25. and arrived the next evening in Matavai Bay.
 Before they could come to an anchor, the decks
 were crowded with the natives, many of whom

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Captain Cook knew, and by most of whom he was well remembered. Among a large multitude of people, who were collected together upon the shore, was Otoo the king of the island. Our Commander paid him a visit on the following day, at Oparree, the place of his residence; and found him to be a fine, personable, well-made man, six feet high, and about thirty years of age. The qualities of his mind were not correspondent to his external appearance, for when Captain Cook endeavoured to obtain from him the promise of a visit on board, he acknowledged that he was afraid of the guns, and, indeed, manifested in all his actions that he was a prince of a timorous disposition.

Upon the Captain's return from Oparree, he found the tents, and the astronomer's observatories, set up, on the same spot from which the transit of Venus had been observed in 1769. The sick, being twenty in number from the Adventure, and one from the Resolution, all of whom were ill of the scurvy, he ordered to be landed; and he appointed a guard of marines on shore, under the command of Lieutenant Edgcumbe.

On the twenty-seventh, Otoo was prevailed upon, with some degree of reluctance, to pay our Commander a visit. He came attended with a numerous train, and brought with him fruits, a hog, two large fish, and a quantity of cloth; for which he and all his retinue were gratified with suitable presents. When Captain Cook conveyed his guests to land, he was met by a

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27 August.

CHAP. venerable lady, the mother of the late Toutaha,
 IV. who seized him by both hands, and burst into
 1773. a flood of tears, saying *Toutaha Tiyo no Toutee
 matty Toutaha*; that is, "Toutaha, your friend,
 "or the friend of Cook, is dead." He was so
 much affected with her behaviour, that it would
 have been impossible for him to have refrained
 from mingling his tears with her's, had not
 Otoo, who was displeased with the interview,
 taken him from her. It was with difficulty that
 the Captain could obtain permission to see her
 again, when he gave her an axe and some other
 articles. Captain Furneaux, at this time, pre-
 sented the king with two fine goats, which, if
 no accident befel them, might be expected to
 multiply.

30 August.

Several days had passed in a friendly intercourse
 with the natives, and in the procuring of pro-
 visions, when, in the evening of the thirtieth,
 the gentlemen on board the Resolution were al-
 armed with the cry of murder, and with a great
 noise on shore, near the bottom of the bay and
 at a distance from the English encampment. Upon
 this, Captain Cook, who suspected that some of
 his own men were concerned in the affair, im-
 mediately dispatched an armed boat, to know the
 cause of the disturbance, and to bring off such
 of his people as should be found in the place. He
 sent, also, to the Adventure, and to the post on
 shore, to learn who were missing; for none but
 those who were upon duty were absent from
 the Resolution. The boats speedily returned with
 three

three marines and a seaman. Some others, likewise, were taken, belonging to the Adventure; and all of them being put under confinement, our Commander, the next morning, ordered them to be punished according to their deserts. He did not find that any mischief had been done, and the men would confess nothing. Some liberties which they had taken with the women had probably given occasion to the disturbance. To whatever cause it was owing, the natives were so much alarmed, that they fled from their habitations in the dead of night, and the alarm was spread many miles along the coast. In the morning, when Captain Cook went to visit Otoo, by appointment, he found that he had removed, or rather fled, to a great distance from the usual place of his abode. After arriving where he was, it was some hours before the Captain could be admitted to the sight of him; and then he complained of the riot of the preceding evening.

The sick being nearly recovered, the water completed, and the necessary repairs of the ships finished, Captain Cook determined to put to sea without delay. Accordingly, on the first of September, he ordered every thing to be removed from the shore, and the vessels to be unmoored, in which employment his people were engaged the greater part of the day. In the afternoon of the same day, Lieutenant Pickersgill returned from Attahourou, to which place he had been sent by the Captain, for the purpose of procuring some hogs that had been promised. In this

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1 Sept.

- C H A P. expedition, the Lieutenant had seen the celebrated Oberea, who has been so much the object of
 IV. poetical fancy. Her situation was very humble, compared with what it had formerly been. She
 1773. was not only altered much for the worse in her person, but appeared to be poor, and of little or no consequence or authority in the island. In the evening a favourable wind having sprung up, our Commander put to sea; on which occasion he was obliged to dismiss his Otaheite friends sooner than they wished to depart; but well satisfied with his kind and liberal treatment*.

From Matavai Bay Captain Cook directed his course for the island of Huaheine, where he intended to touch. This island he reached the next day, and, early in the morning of the third of September, made sail for the harbour of Owharre, in which he soon came to an anchor. The Adventure, not happening to turn into the harbour with equal facility, got ashore on the north side of the channel; but, by the timely assistance which Captain Cook had previously provided, in case such an accident should occur, she was gotten off again, without receiving any damage. As soon as both the ships were in safety, our Commander, together with Captain Furneaux, landed upon the island, and was received by the natives with the utmost cordiality. A trade immediately commenced; so that our navigators had a fair prospect of being plentifully supplied

* Cook, ubi supra, p. 144 — 159.

with fresh pork and fowls, which, to people in their situation, was a very desirable circumstance. On the fourth, Lieutenant Pickersgill sailed with the cutter, on a trading party, toward the south end of the isle. Another trading party was also sent on shore near the ships, which party Captain Cook attended himself, to see that the business was properly conducted at the first setting out, this being a point of no small importance. Every thing being settled to his mind, he went, accompanied by Captain Furneaux and M. Forster, to pay a visit to his old friend Oree, the Chief of the island. This visit was preceded by many preparatory ceremonies. Among other things, the Chief sent to our Commander the inscription engraved on a small piece of pewter, which he had left with him in July 1769. It was in the bag that Captain Cook had made for it, together with a piece of counterfeit English coin, and a few beads, which had been put in at the same time; whence it was evident what particular care had been taken of the whole. After the previous ceremonies had been discharged, the Captain wanted to go to the king, but he was informed that the king would come to him. Accordingly, Oree went up to our Commander, and fell on his neck, and embraced him; nor was it a ceremonious embrace, for the tears which trickled down the venerable old man's cheeks, sufficiently bespoke the language of his heart. The presents which Captain Cook made to the Chief on this occasion, consisted of the most valuable articles

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4 Sept.

CHAP. he had; for he regarded him as a father. Oree, in
IV. return, gave the Captain a hog, and a quantity
1773. of cloth promising that all the wants of the English should be supplied; and it was a promise to which he faithfully adhered. Indeed, he carried his kindness to Captain Cook so far, as not to fail sending him every day, for his table, a plentiful supply of the very best of ready-dressed fruit and roots.

6 Sept. Hitherto all things had gone on in the most agreeable manner; but on Monday the sixth, several circumstances occurred, which rendered it an unpleasant and troublesome day. When our Commander went to the trading-place, he was informed that one of the inhabitants had behaved with remarkable insolence. The man was completely equipped in the war habit, had a club in each hand, and seemed bent upon mischief. Captain Cook took, therefore, the clubs from him, broke them before his eyes, and, with some difficulty, compelled him to retire. About the same time, Mr. Sparrman, who had imprudently gone out alone to botanize, was assaulted by two men, who stripped him of every thing which he had about him, excepting his trowsers, and struck him again and again with his own hanger, though happily without doing him any harm. When they had accomplished their purpose, they made off; after which another of the natives brought a piece of cloth to cover him, and conducted him to the trading-place, where the inhabitants, in a large number,

were assembled. The instant that Mr. Sparrman appeared in the condition now described, they all fled with the utmost precipitation. Captain Cook, having recalled a few of the Indians, and convinced them that he should take no step to injure those who were innocent, went to Oree to complain of the outrage. When the Chief had heard the whole affair related, he wept aloud, and many other of the inhabitants did the same. After the first transports of his grief had subsided, he began to expostulate with his people, telling them (for so his language was understood by the English) how well Captain Cook had treated them, both in this and his former voyage, and how base it was in them to commit such actions. He then took a minute account of the things of which Mr. Sparrman had been robbed, and, after having promised to use his utmost endeavours for the recovery of them, desired to go into the Captain's boat. At this, the natives, apprehensive doubtless for the safety of their prince, expressed the utmost alarm, and used every argument to dissuade him from so rash a measure. All their remonstrances, however, were in vain. He hastened into the boat; and as soon as they saw that their beloved Chief was wholly in our Commander's power, they set up a great outcry. Indeed, their grief was inexpressible: they prayed, entreated, nay, attempted to pull him out of the boat; and every face was bedewed with tears. Even Captain Cook himself was so moved by their distress, that he united his entreaties with

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C H A P. theirs, but all to no purpose. Oree insisted upon the
IV. Captain's coming into the boat, which was no
1773. sooner done than he ordered it to be put off. His
sister was the only person among the Indians who
behaved with a becoming magnanimity on this
occasion; for, with a spirit equal to that of her
royal brother, she alone did not oppose his going.
It was his design, in coming into the boat of the
English, to proceed with them in search of the
robbers. Accordingly, he went with Captain
Cook, as far as it was convenient, by water,
when they landed, entered the country, and
travelled some miles inland; in doing which the
Chief led the way, and enquired after the criminals
of every person whom he saw. In this search
he would have gone to the very extremity of
the island, if our Commander, who did not
think the object worthy of so laborious a pursuit,
had not refused to proceed any farther. Besides,
as he intended to sail the next morning, and all
manner of trade was stopped in consequence of
the alarm of the natives, it became the more
necessary for him to return, that he might restore
things to their former state. It was with great
reluctance that Oree was prevailed upon to dis-
continue the search, and to content himself with
sending, at Captain Cook's request, some of his
people for the things which had been carried off.
When he and the Captain had gotten back to
the boat, they found there the Chief's sister, and
several other persons, who had travelled by land
to the place. The English gentlemen immediately

stepped into their boat, in order to return on board, without so much as asking Oree to accompany them; notwithstanding which, he insisted upon doing it; nor could the opposition and entreaties of those who were about him induce him to desist from his purpose. His sister followed his example, uninfluenced, on this occasion, by the supplications and tears of her daughter. Captain Cook amply rewarded the Chief and his sister for the confidence they had placed in him; and, after dinner, conveyed them both on shore, where some hundreds of people waited to receive them, many of whom embraced Oree with tears of joy. All was now peace and gladness: the inhabitants crowded in from every part, with such a plentiful supply of hogs, fowls, and vegetable productions, that the English presently filled two boats; and the Chief himself presented the Captain with a large hog and a quantity of fruit. Mr. Sparrman's hanger, the only thing of value which he had lost, was brought back, together with part of his coat; and our navigators were told, that the remaining articles should be restored the next day. Some things which had been stolen from a party of officers, who had gone out a shooting, were returned in like manner.

The transactions of this day have been the more particularly related, as they shew the high opinion which the Chief had formed of our Commander, and the unreserved confidence that he placed in his integrity and honour. Oree had

CHAP. entered into a solemn friendship with Captain
 IV. Cook, according to all the forms which were
 1773. customary in the country; and he seemed to
 think that this friendship could not be broken
 by the act of any other persons. It is justly
 observed by the Captain, that another Chief
 may never be found, who, under similar circum-
 stances, will act in the same manner. Oree,
 indeed, had nothing to fear: for it was not
 our Commander's intention to hurt a hair of his
 head, or to detain him a moment longer than
 was agreeable to his own desire. But of this
 how could he and his people be assured? They
 were not ignorant, that when he was once in
 Captain Cook's power, the whole force of the
 island would not be sufficient to recover him,
 and that they must have complied with any
 demands, however great, for his ransom. The
 apprehensions, therefore, of the inhabitants, for
 their Chief's and their own safety, had a reason-
 able foundation.

7 Sept. Early on the seventh, while the ships were
 unmooring, the Captain went to pay his farewell
 visit to Oree, and took with him such presents
 as had not only a fancied value, but a real
 utility. He left, also, with the Chief the inscrip-
 tion plate that had before been in his possession,
 and another small copper plate, on which were
 engraved these words: "Anchored here, his
 "Britannic Majesty's ships, Resolution and Ad-
 "venture, September, 1773." These plates,
 together with some medals, were put up in a

bag; of which Oree promised to take care, and to produce them to the first ship or ships that should arrive at the island. Having, in return, given a hog to Captain Cook, and loaded his boat with fruit, they took leave of each other, when the good old Chief embraced our Commander with tears in his eyes. Nothing was mentioned, at this interview, concerning the remainder of Mr. Sparrman's property. As it was early in the morning, the Captain judged that it had not been brought in, and he was not willing to speak of it to Oree, lest he should give him pain about things which there had not been time to recover. The robbers having soon afterwards been taken, Oree came on board again, to request that our Commander would go on shore, either to punish them, or to be present at their punishment, but this not being convenient to him, he left them to the correction of their own Chief. It was from the Island of Huaheine that Captain Furneaux received into his ship a young man named Omai, a native of Ulietea, of whom so much hath since been known and written. This choice Captain Cook at first disapproved, as thinking that the youth was not a proper sample of the inhabitants of the Society Islands; being inferior to many of them in birth and acquired rank, and not having any peculiar advantage in point of shape, figure, or complexion. The Captain afterwards found reason to be better satisfied with Omai's having accompanied our navigators to England.

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CHAP. During the short stay of the vessels at Hua-
 IV. heine, our people were very successful in obtain-
 1773. ing supplies of provisions. No less than three
 hundred hogs, besides fowls and fruit, were
 procured; and had the ships continued longer at
 the place, the quantity might have been greatly
 increased. Such was the fertility of this small
 island, that none of these articles of refreshment
 were seemingly diminished, but appeared to be
 as plentiful as ever *.

From Huaheine our navigators sailed for Uliet-
 tea, where trade was carried on in the usual
 manner, and a most friendly intercourse renewed
 between Captain Cook and Oreo, the Chief of
 the island. Here Tupia was enquired after with
 particular eagerness, and the enquirers were
 perfectly satisfied with the account which was
 given of the occasions of that Indian's decease.

15 Sept. On the morning of the fifteenth, the English
 were surprized at finding that none of the inha-
 bitants of Ulietea came off to the ships, as had
 hitherto been customary. As two men belonging
 to the Adventure had stayed on shore all night,
 contrary to orders, Captain Cook's first conjec-
 tures were, that the natives had stripped them,
 and were afraid of the revenge which would be
 taken of the insult. This, however, was not the
 case. The men had been treated with great
 civility, and could assign no cause for the precipi-
 tate flight of the Indians. All that the Captain

* Cook, ubi supra, p. 161 — 171.

could learn was, that several were killed, and others wounded, by the guns of the English. This information alarmed him for the safety of some of our people, who had been sent out in two boats to the Island of Otaha. He determined, therefore, if possible, to see the Chief himself. When he came up to him, Oreo threw his arms around our Commander's neck, and burst into tears; in which he was accompanied by all the women, and some of the men; so that the lamentation became general. Astonishment alone kept Captain Cook from joining in their grief. At last, the whole which he could collect from his enquiries was, that the natives had been alarmed on account of the absence of the English boats, and imagined that the Captain, upon the supposition of the desertion of his men, would use violent means for the recovery of his loss. When the matter was explained, it was acknowledged that not a single inhabitant, or a single Englishman, had been hurt. This groundless consternation displayed in a strong light the timorous disposition of the people of the Society Islands.

Our navigators were as successful in procuring provisions at Ulietea as they had been at Huaheine. Captain Cook judged, that the number of hogs obtained amounted to four hundred, or upwards: many of them, indeed, were only roasters, while others exceeded a hundred pounds in weight; but the general run was from forty to sixty. A larger quantity was offered than the

- CHAP. ships could contain; so that our countrymen
IV. were enabled to proceed on their voyage with
1773. no small degree of comfort and advantage *.

Our Commander, by his second visit to the Society Islands, gained a farther knowledge of their general state, and of the customs of the inhabitants. It appeared that a Spanish ship had been lately at Otaheite, and the natives complained that a disease had been communicated to them by the people of this vessel, which, according to their account, affected the head, the throat, and the stomach, and at length ended in death. With regard to a certain disorder, the effects of which have so fatally been felt in the later ages of the world, Captain Cook's enquiries could not absolutely determine whether it was known to the islanders before they were visited by the Europeans. If it was of recent origin, the introduction of it was, without a dissentient voice, ascribed to the voyage of M. de Bougainville.

One thing which our Commander was solicitous to ascertain, was, whether human sacrifices constituted a part of the religious customs of these people. The man of whom he made his enquiries, and several other natives, took some pains to explain the matter; but, from our people's ignorance of the language of the country, their explication could not be understood. Captain Cook afterwards learned from Omai, that the

* Cook, *ubi supra*, p. 171—180.

inhabitants of the Society Islands offer human sacrifices to the Supreme Being. What relates to funeral ceremonies excepted, all the knowledge he could obtain concerning their religion was very imperfect and defective.

The Captain had an opportunity, in this voyage, of rectifying the great injustice which had been done to the women of Otaheite and the neighbouring isles. They had been represented as ready, without exception, to grant the last favour to any man who would come up to their price: but our Commander found that this was by no means the case. The favours both of the married women and of the unmarried, of the better sort, were as difficult to be obtained in the Society Islands as in any other country whatever. Even with respect to the unmarried females of the lower class, the charge was not indiscriminately true. There were many of these who would not admit of indecent familiarities. The setting this subject in a proper light, a subject upon which Dr. Hawkesworth had enlarged more than wisdom seemed to require, must be considered as one of the agreeable effects of Captain Cook's second voyage. Every enlightened mind will rejoice at what conduces to the honour of human nature in general, and of the female sex in particular. Chastity is so eminently the glory of that sex, and, indeed, is so essentially connected with the good order of society, that it must be a satisfaction to reflect, that there is no country, however ignorant or

C H A P. barbarous, in which this virtue is not regarded
IV. as an object of moral obligation.

1773. This voyage enabled our Commander to gain some farther knowledge concerning the geography of the Society Isles; and he found it highly probable, that Otaheite is of greater extent than he had computed it in his former estimation*. The astronomers did not neglect to set up their observatories, and to make observations suited to their purpose†.

17 Sept. On the seventeenth of September, Captain Cook sailed from Ulietea, directing his course to the west, with an inclination to the south. Land was discovered on the twenty-third of the month, to which he gave the name of Harvey's

23. Island*. On the first of October, he reached the islands of Middleburg. While he was looking about for a landing-place, two canoes, each of them conducted by two or three men, came boldly along-side the ship, and some of the people entered it without hesitation. This mark of confidence inspired our Commander with so good an opinion of the inhabitants, that he determined, if possible; to pay them a visit, which

* The latitude of Oaiti-piha Bay, in Otaheite, was found to be $17^{\circ} 46' 28''$ south, and the longitude $0^{\circ} 21' 25' 2''$ east from Point Venus; or $149^{\circ} 13' 24''$ west from Greenwich.

† Cook, ubi supra, p. 181—188.

* It is situated in the latitude of $19^{\circ} 18'$ south, and $158^{\circ} 54'$ west.

he did the next day. Scarcely had the vessels gotten to an anchor before they were surrounded by a great number of canoes, full of the natives, who brought with them cloth, and various curiosities, which they exchanged for nails, and such other articles as were adapted to their fancy. Among those who came on board, was a Chief, named Tioony, whose friendship Captain Cook immediately gained by proper presents, consisting principally of a hatchet and some spike-nails. A party of our navigators, with the Captain at the head of them, having embarked in two boats, proceeded to shore, where they found an immense croud of people, who welcomed them to the island with loud acclamations. There was not so much as a stick, or any other weapon, in the hands of a single native, so pacific were their dispositions and intentions. They seemed to be more desirous of giving than receiving; and many of them, who could not approach near to the boats, threw into them, over the heads of others, whole bales of cloth, and then retired, without either asking or waiting for any thing in return. The whole day was spent by our navigators in the most agreeable manner. When they returned on board in the evening, every one expressed how much he was delighted with the country, and the very obliging behaviour of the inhabitants, who seemed to vie with each other in their endeavours to give pleasure to our people. All this conduct appeared to be the result of the most pure good-

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2 Oct.

- C H A P. nature, perhaps without being accompanied with
IV. much sentiment or feeling; for when Captain
1773. Cook signified to the Chief his intention of quitting the island, he did not seem to be in the least moved. Among other articles presented by the Captain to Tioony, he left him an assortment of garden-seeds, which, if properly used, might be of great future benefit to the country.

From Middleburg the ships sailed down to Amsterdam, the natives of which island were equally ready with those of the former place to maintain a friendly intercourse with the English. Like the people of Middleburg, they brought nothing with them but cloth, matting, and such other articles as could be of little service; and for these our seamen were so simple as to barter away their clothes. To put a stop, therefore, to so injurious a traffic, and to obtain the necessary refreshments, the Captain gave orders that no sort of curiosities should be purchased by any person whatever. This injunction produced the desired effect. When the inhabitants saw that the English would deal with them for nothing but eatables, they brought off bananoes and cocoa-nuts in abundance, together with some fowls and pigs; all of which they exchanged for small-nails and pieces of cloth. Even a few old rags were sufficient for the purchase of a pig or a fowl.

The method of carrying on trade being settled, and proper officers having been appointed to prevent disputes, our Commander's next object was

was to obtain as complete a knowledge as possible of the island of Amsterdam. In this he was much facilitated by a friendship which he had formed with Attago, one of the Chiefs of the country. Captain Cook was struck with admiration, when he surveyed the beauty and cultivation of the island. He thought himself transported into the most fertile plains of Europe. There was not an inch of waste ground. The roads occupied no larger a space than was absolutely necessary, and the fences did not take up above four inches each. Even such a small portion of ground was not wholly lost; for many of the fences themselves contained useful trees or plants. The scene was every where the same; and nature, assisted by a little art, no where assumes a more splendid appearance than in this island.

Friendly as were the natives of Amsterdam, they were not entirely free from the thievish disposition which hath so often been remarked in the Islanders of the Southern Ocean. The instances, however, of this kind, which occurred, were not of such a nature as to produce any extraordinary degree of trouble, or to involve our people in a quarrel with the inhabitants.

Captain Cook's introduction to the king of the island afforded a scene somewhat remarkable. His majesty was seated with so much sullen and stupid gravity, that the Captain took him for an idiot, whom the Indians, from some superstitious reasons, were ready to worship. When our Commander saluted and spoke to him, he

CHAP. neither answered, nor took the least notice of
IV. him; nor did he alter a single feature of his
1773. countenance. Even the presents which were made
to him could not induce him to resign a bit of
his gravity, or to speak one word, or to turn
his head either to the right hand or to the left.
As he was in the prime of life, it is possible
that a false sense of dignity might engage him to
assume so solemn a stupidity of appearance. In
the history of mankind, instances might probably
be found which would confirm this supposition*.

For a general description of the two islands of
Middleburg and Amsterdam, and an account of
the cultivation, customs, and manners of the
inhabitants, recourse must be had to Captain
Cook's Voyage. In slightly touching upon a
few particulars, I shall hope to obtain the forgive-
ness of some of my readers.

It is observable, that these two islands are
guarded from the sea by a reef of coral rocks,
which extend out from the shore about one
hundred fathoms. On this reef the force of the
sea is spent before it reaches the land. The same,
indeed, is, in a great measure, the situation of
all the tropical isles which our Commander had
seen in that part of the globe; and hence arises
an evidence of the wisdom and goodness of Pro-
vidence; as by such a provision, nature has
effectually secured them from the encroachments
of the sea, though many of them are mere points

* Cook, ubi supra, p. 189 — 210.

when compared with the vast ocean by which they are surrounded †. C H A P.

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In Amsterdam, Mr. Forster not only found the same plants that are at Otaheite and the neighbouring islands, but several others which are not to be met with in those places. Captain Cook took care, by a proper assortment of garden-seeds and pulse, to increase the vegetable stock of the inhabitants.

Hogs and fowls were the only domestic animals that were seen in these islands. The former are of the same sort with those which had been met with in other parts of the Southern Ocean; but the latter are far superior, being as large as any in Europe, and equal, if not preferable, with respect to the goodness of their flesh.

Both the men and women are of a common size with Europeans. Their colour is that of a lightish copper, and with a greater uniformity than occurs among the natives of Otaheite and the Society Isles. Some of the English gentlemen were of opinion, that the inhabitants of Middleburg and Amsterdam were a much handsomer race; while others, with whom Captain Cook concurred, maintained a contrary sentiment. However this may be, their shape is good, their features regular, and they are active, brisk, and lively. The women, in particular, are the

† The islands of Middleburg and Amsterdam are situated between the latitude of $21^{\circ} 29'$ and $21^{\circ} 3'$ south, and between the longitude of $174^{\circ} 40'$ and $175^{\circ} 15'$ west, deduced from observations made on the spot.

C H A P. merriest creatures our Commander had ever met

IV. with; and, provided any person seemed pleased
1773. with them, they would keep chattering by his
side, without the least invitation, or considering
whether they were understood. They appeared
in general to be modest, though there were
several amongst them of a different character. As
there were yet on board some complaints of a
certain disorder, the Captain took all possible
care to prevent its communication. Our navi-
gators were frequently entertained by the women
with songs, and this in a manner which was by
no means disagreeable. They had a method of
keeping time, by snapping their fingers. Their
music was harmonious as well as their voices,
and there was a considerable degree of compass
in their notes.

A singular custom was found to prevail in
these islands. The greater part of the people
were observed to have lost one or both of their
little fingers; and this was not peculiar to rank,
age, or sex; nor was the amputation restricted
to any specific period of life. Our navigators
endeavoured in vain to discover the reason of
so extraordinary a practice.

A very extensive knowledge of the language
of Middleburg and Amsterdam could not be
obtained during the short stay which was made
there by the English. However, the more they
enquired into it, the more they found that it
was, in general, the same with that which is
spoken at Otaheite and the Society Isles. The

difference is not greater than what frequently occurs betwixt the most northern and western parts of England *.

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7 Oct.

On the seventh of October, Captain Cook proceeded on his voyage. His intention was to sail directly to Queen Charlotte's Sound in New Zealand, for the purpose of taking in wood and water, after which he was to pursue his discoveries to the south and the east. The day after he quitted Amsterdam, he passed the island of Piltart; an island which had been discovered by Tasman †.

On the twenty-first, he made the land of New Zealand, at the distance of eight or ten leagues from Table Cape. As our Commander was very desirous of leaving in the country such an assortment of animals and vegetables as might greatly contribute to the future benefit of the inhabitants, one of the first things which he did was to give to a Chief, who had come off in a canoe, two boars, two fows, four hens, and two cocks, together with a quantity of feeds. The feeds were of the most useful kind; such as wheat, french and kidney beans, pease, cabbage, turnips, onions, carrots, parsnips, and yams. The man to whom these several articles were presented, though he was much more enraptured

21.

* Cook, ubi supra, p. 212, 213, 214, 217, 218, 222, 225.

† Piltart is situated in the latitude of $22^{\circ} 26'$ south, and in the longitude of $175^{\circ} 59'$ west. It is distant thirty-two leagues from the south end of Middleburg.

C H A P. with a spike-nail half the length of his arm,
IV. promised, however, to take care of them, and,
1773. in particular, not to kill any of the animals. If
he adhered to his promise, they would be sufficient, in a due course of time, to stock the whole island.

3 Nov. It was the third of November before Captain Cook brought the Resolution into Ship Cove, in Queen Charlotte's Sound. He had been beating about the island from the twenty-first of October, during which time his vessel was exposed to a variety of tempestuous weather. In one instance he had been driven off the land by a furious storm, which lasted two days, and which would have been dangerous in the highest degree, had it not fortunately happened that it was fair overhead, and that there was no reason to be apprehensive of a lee-shore. In the course of the bad weather which succeeded this storm, the Adventure was separated from the Resolution, and was never seen or heard of through the whole remainder of the voyage.

The first object of our Commander's attention, after his arrival in Queen Charlotte's Sound, was to provide for the repair of his ship, which had suffered in various respects, and especially in her sails and rigging. Another matter which called for his notice, was the state of the bread belonging to the vessel; and he had the mortification of finding that a large quantity of it was damaged. To repair this loss in the best manner he was able, he ordered all the casks to be

opened, the bread to be picked, and such parcels of it to be baked, in the copper oven, as could by that means be recovered. Notwithstanding this care, four thousand two hundred and ninety-two pounds were found totally unfit for use; and about three thousand pounds more could only be eaten by people in the situation of our navigators.

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Captain Cook was early in his enquiries concerning the animals which had been left at New Zealand, in the former part of his voyage. He saw the youngest of the two sows that Captain Furneaux had put on shore in Cannibal Cove. She was in good condition, and very tame. The boar and other sow, if our Commander was rightly informed, were taken away and separated, but not killed. He was told that the two goats, which he had landed up the Sound, had been destroyed by a rascally native, of the name of Goubiah; so that the Captain had the grief of discovering that all his benevolent endeavours to stock the country with useful animals were likely to be frustrated by the very people whom he was anxious to serve. The gardens had met with a better fate. Every thing in them, excepting potatoes, the inhabitants had left entirely to nature, who had so well performed her part, that most of the articles were in a flourishing condition.

Notwithstanding the inattention and folly of the New Zealanders, Captain Cook still continued his zeal for their benefit. To the inhabitants who

- CHAP. resided at the Cove, he gave a boar, a young
IV. sow, two cocks, and two hens, which had
1773. been brought from the Society Islands. At the
bottom of the West Bay, he ordered to be
landed, without the knowledge of the Indians,
four hogs, being three sows and one boar,
together, with two cocks and two hens. They
were carried a little way into the woods, and as
much food was left them as would serve them
for ten or twelve days; which was done to
prevent their coming down to the shore in search
of sustenance, and by that means being discovered
by the natives. The Captain was desirous of
replacing the two goats which Goubiah was
understood to have killed, by leaving behind him
the only two that yet remained in his possession.
But he had the misfortune, soon after his arrival
at Queen Charlotte's Sound, to lose the ram;
and this in a manner for which it was not easy
to assign the cause. Whether it was owing to
any thing he had eaten, or to his being stung
with nettles, which were very plentiful in the
place, he was seized with fits that bordered upon
madness. In one of these fits, he was supposed
to have run into the sea, and to have been
drowned: and thus every method, which our
Commander had taken to stock the country with
sheep and goats, proved ineffectual. He hoped
to be more successful with respect to the boars
and sows, and the cocks and hens, which he left
in the island.

While the boatwain, one day, and a party of men were employed in cutting broom, some of them stole several things from a private hut of the natives, in which was deposited most of the treasure they had received from the English, as well as property of their own. Complaint being made by the Indians to Captain Cook, and a particular man of the boatwain's party having been pointed out to the Captain as the person who had committed the theft, he ordered him to be punished in their presence. With this they went away seemingly satisfied, although they did not recover any of the articles which they had lost. It was always a maxim with our Commander, to punish the least crimes which any of his people were guilty of with regard to uncivilized nations. Their robbing us with impunity he by no means considered as a reason for our treating them in the same manner. Addicted as the New Zealanders were, in a certain degree, to stealing, a disposition which must have been very much increased by the novelty and allurements of the objects presented to their view, they had, nevertheless, when injured themselves, such a sense of justice, as to apply to Captain Cook for redress. The best method, in his opinion, of preserving a good understanding with the inhabitants of countries in this state of society, is, first, to convince them of the superiority we have over them in consequence of our fire-arms, and then to be always upon our guard. Such a conduct, united with strict honesty

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- CHAP. and gentle treatment, will convince them that it
IV. is their interest not to disturb us, and prevent
1773. them from forming any general plan of attack.

In this second visit of our navigators to New Zealand, they met with indubitable evidence that the natives were eaters of human flesh. The proofs of this fact had a most powerful influence on the mind of Oedidee, a youth of Bolabola, whom Captain Cook had brought in the Resolution from Ulietea. He was so affected that he became perfectly motionless, and exhibited such a picture of horror, that it would have been impossible for art to describe that passion with half the force with which it appeared in his countenance. When he was roused from this state by some of the English, he burst into tears; continued to weep and scold by turns; told the New Zealanders that they were vile men; and assured them that he would not be any longer their friend. He would not so much as permit them to come near him; and he refused to accept, or even to touch the knife by which some human flesh had been cut off. Such was Oedidee's indignation against the abominable custom; and our Commander has justly remarked that it was an indignation worthy to be imitated by every rational being. The conduct of this young man upon the present occasion, strongly points out the difference which had taken place, in the progress of civilization, between the inhabitants of the Society Islands and those of New Zealand. It was our Commander's firm

opinion, that the only human flesh which was eaten by these people was that of their enemies who had been slain in battle.

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During the stay of our voyagers in Queen Charlotte's, Sound, they were plentifully supplied with fish, procured from the natives at a very easy rate; and, besides the vegetables afforded by their own gardens, they every where found plenty of scurvy-grass and celery. These Captain Cook ordered to be dressed every day for all his hands. By the attention which he paid to his men in the article of provisions, they had for three months lived principally on a fresh diet, and, at this time, there was not a sick or scorbutic person on board.

The morning before the Captain sailed, he wrote a memorandum, containing such information as he thought necessary for Captain Furneaux, in case he should put into the Sound. This memorandum was buried in a bottle under the root of a tree in the garden; and in such a manner that it could not avoid being discovered, if either Captain Furneaux or any other European should chance to arrive at the Cove.

Our Commander did not leave New Zealand without making such remarks on the coast between Cape Teerawhitte and Cape Palliser as may be of service to future navigators. It being now the unanimous opinion, that the Adventure was no where upon the island, Captain Cook gave up all expectations of seeing her any more

C H A P. during the voyage. This circumstance, however,
IV. did not discourage him from fully exploring the
1773. southern parts of the Pacific Ocean, in the doing
of which he intended to employ the whole of
the ensuing season. When he quitted the coast,
he had the satisfaction to find that not a man of
the crew was dejected, or thought that the
dangers they had yet to go through, were in the
least augmented by their being alone. Such was
the confidence they placed in their Commander,
that they were as ready to proceed cheerfully to
the south, or wherever he might lead them, as
if the Adventure, or even a larger number of
ships had been in company *.

26 Nov. On the twenty-sixth of November, Captain
Cook sailed from New Zealand in search of a
continent, and steered to the south, inclining to
the east. Some days after this, our navigators
reckoned themselves to be antipodes to their
friends in London, and consequently were at as
great a distance from them as possible. The first
12 Dec. ice island was seen on the twelfth of December †,
farther south than the first ice which had been
met with after leaving the Cape of Good Hope
in the preceding year. In the progress of the
voyage, ice islands continually occurred, and the
navigation became more and more difficult and
dangerous. When our people were in the latitude

* Cook, *ubi supra*, p. 225 — 250.

† This was in the latitude of $62^{\circ} 10'$ south, and longitude 172° west.

of $67^{\circ} 5'$ south, they all at once got within such a cluster of these islands, together with a large quantity of loose pieces, that to keep clear of them was a matter of the utmost difficulty. On the twenty-second of the month, the Resolution was in the highest latitude she had yet reached *, and circumstances now became so unfavourable, that our Commander thought of returning more to the north. Here there was no probability of finding any land, or a possibility of getting farther south. To have proceeded, therefore, to the east in this latitude, must have been improper, not only on account of the ice, but because a vast space of sea to the north must have been left unexplored, in which there might lie a large tract of country. It was only by visiting those parts that it could be determined whether such a supposition was well founded. As our navigators advanced to the north-east on the twenty-fourth, the ice islands encreased so fast upon them, that, at noon, they could see nearly a hundred around them, besides an immense number of small pieces. In this situation they spent Christmas-day, much in the same manner as they had done in the former year. Happily our people had continual day-light, and clear weather; for had it been as foggy as it was on some preceding days, nothing less than a miracle could have saved them from being dashed to pieces.

While the Resolution was in the high latitudes,

* This was $67^{\circ} 31'$. The longitude was $142^{\circ} 54'$ west.

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22 Dec.

24.

- CHAP. many of her company were attacked with a slight
IV. fever, occasioned by colds. The disorder, how-
1773. ever, yielded to the simplest remedies, and was
generally removed in a few days. On the fifth
of January, 1774, the ship not being then in
much more than fifty degrees of latitude, there
were only one or two persons on the sick list.

END OF THE FIRST VOLUME.

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